

1957

Camp Reference

and Buying Guide

Camp Management Data On

Business Books Program

Food and Food Service

Buying Sources

Health, Safety and Sanitation

Official ACA Publication



Mid - March issue
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Camp Reference and Buying Guide

10th Annual Edition

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American Camping Association

THE AMERICAN Camping Association is a voluntary, professional organization of individuals and representatives of organizations interested in development of organized camping.

Organized camping as a recreational and educational project is, as history is measured, comparatively recent and dis-

tinctly American in its origin and growth.

ACA Today

The ACA maintains a National office at Bradford Woods, Martinsville, Ind., where its staff channels information, develops materials and gives services to the membership to further the cause of camping.

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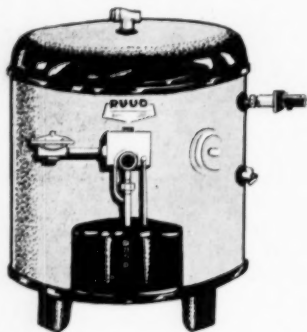
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FACILITIES • INSURANCE GUIDE • CAMPER OUTFITS • PROMOTION

Camp Facility Checklist

I. Ownership

1. Do you have clear title to the property?
2. Are there any easements or rights-of-way through the property?
3. Are there any unrecorded encroachments or easements on the property?
4. Have the boundaries been surveyed and marked?
5. Do you have a surveyors' map or plan of the property?

II. Site

1. Are the facilities arranged to serve well their various functions?
2. Is the arrangement attractive and pleasing to look at?
3. Are all parts of the site being used to good advantage? Are there unused areas which should be developed?
4. Are there unsolved problems of erosion control, forestation, clearing, flood and fire control?
5. Are all structures and facilities being used to the best advantage? Are any of these capable of expansion or conversion to additional use such as winter camping?

III. Utilities

A. Roads

1. Are the camp roads passable and in good condition?
Check surface culverts and drainage ditches. Note—driveway should be clear of weeds and surface crowned so that water will run off easily. Ditches should be clear of leaves, rubbish and other obstructions.

2. Are roads wide enough to permit passing or are frequent turnouts provided?

B. Parking Area

1. Is it easy to park cars in this area or are there obstructions such as trees and boulders?
2. Is the size of the area adequate to accommodate cars and buses that may be expected on visiting days and on the days of campers' arrival and departure?
3. Are toilets for men and women visitors nearby?

C. Gates and Fences

1. Is there a main gate at the entrance on the public road that can be closed to insure privacy?
2. Is there a secondary gate between the parking area and the service roads to kitchen, storerooms, etc?
3. Is the camp site fenced to define boundaries and to discourage trespassers?
4. Are boundaries posted against hunting and trespassing and has the posting been done in accordance with your state laws?

D. Electric Lines

1. Is the electric power line on the camp site in good condition? Check poles and wiring.
2. Are connecting wires large enough to insure ample supply of current?

E. Water System

1. Is the well, spring, stream or other

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Camp Facility Checklist

- source of water of sufficient capacity to meet all the camp's needs?
2. Is the capacity of the pump sufficient so that water shortages do not occur?
3. Is the capacity of the water storage facility sufficient for regular and emergency use?
4. Is this storage facility, pressure tank, elevated tank or reservoir, the best type for your needs?
5. Are these storage facilities cleaned at regular intervals?
6. If there is a chlorinator, is it in good operating condition?
7. Is the water distribution system carried to—
 - a. the dining hall?
 - b. the unit wash house and latrines?
 - c. the infirmary?
 - d. the shower house?
8. Are pipes of ample size to insure good pressure and a plentiful supply to all of the outlets?
9. Are there drinking fountains throughout the camp?
- F. Sewage Disposal
 1. Are the ultimate methods of sewage disposal — septic tank and tile field, cesspool or Imhoff tank and filter — of the type most suitable for your campsite?
 2. Were the septic tanks, cesspools and grease pits cleaned recently?
 3. Is this job done at regular intervals? if so, how often?
 4. Are the ultimate disposal facilities of adequate capacity?
 5. Are pit privies, chemical vaults or flush toilets in good condition and cleaned frequently?
- G. Waste Disposal
 1. Is garbage buried, burned, or hauled away and is the method used entirely satisfactory?
 2. Is ultimate disposal made under sanitary conditions?
 3. Are you using the safest method possible for disposing of combustible rubbish?

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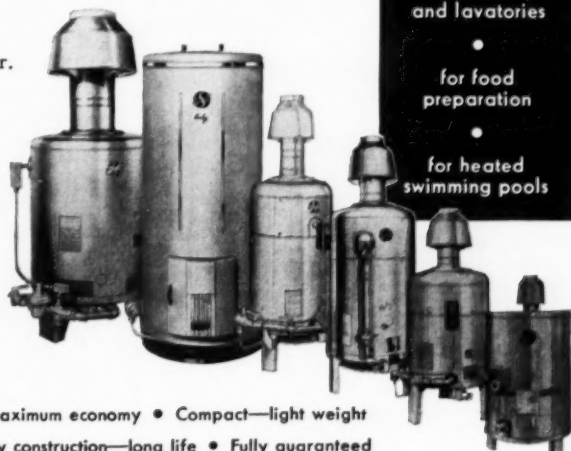
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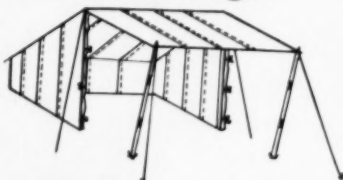
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Camp Facility Checklist

4. Are tin cans and other items of incombustible rubbish disposed of by safe and sanitary methods?
5. If an incinerator is used, is it of adequate capacity and is there a plentiful fuel supply?

IV. Structures

1. How many buildings are in the camp? (Count each structure under a separate roof as a building.)

A. Foundation

1. Are foundations free from cracks or other structural defects?
2. In buildings with cellars, are they dry or is there evidence of leakage or excessive condensation?

B. Sills and Floor Joists

1. Are these in good condition?
2. Is there evidence of decay or termite damage?

C. Walls and Siding

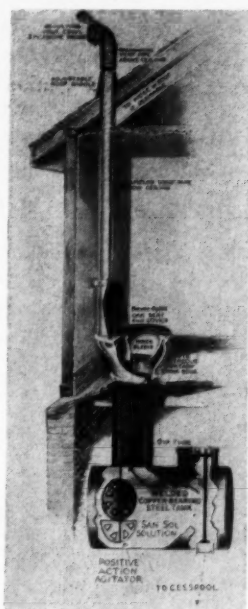
1. Are these in good condition?
2. Is the exterior finish of buildings a paint, stain, or other material best suited to your camp's environment?
3. How often is repainting done?

D. Roofing

1. Is the type of roofing used—asbestos, asphalt, or wood shingles, roll roofing, or other—best for your camp's buildings and their locale?
2. Is there evidence of leaky roofs or worn out shingles?
3. Are chimney flashings, valleys, gutters and downspouts in good condition?
4. Are gutters and downspouts free of leaves or other obstructions?

E. Windows and Doors

1. Do windows have wood or metal sash?
2. Are they painted regularly and kept in good working condition?
3. Is putty around panes of glass in good condition?
4. Do windows, doors and screens fit well and operate easily?



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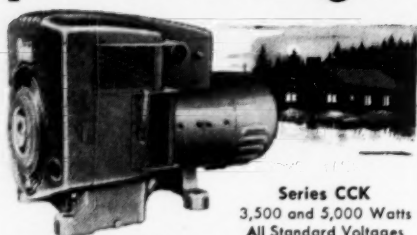
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Camp Facility Checklist

F. Floors

1. Are the floors in good condition?
2. Are they regularly sealed, waxed, varnished or oiled?

G. Screens and Screen Doors

1. Are the frames and wire in good condition?
2. Are the doors equipped with closers or springs and are latches in good condition?

H. Doors

1. Are doors painted or stained?
2. Are lock sets and hinges in good condition?
3. Do any doors sag or bind?

I. Shutters

1. If shutters are used for closing buildings in winter, are they in good condition?
2. Can they be fastened securely?

J. Stairs and Steps

1. Are all stairways in good condition?
2. Do exterior stairs of more than four steps have hand and guard rails?

K. Chimneys

1. Do all chimneys have fire-clay lining?
2. Are chimneys free of soot accumulations?
3. Are fireplaces equipped with cast-iron dampers?
4. Are frequent checks made of fireplaces for loose mortar and cracked bricks?

L. Winter Use

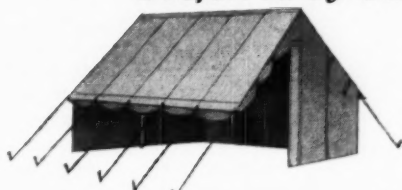
1. Are buildings used for winter camping insulated and are they equipped with heating stoves as well as fireplaces?
2. In those parts of the country where winter conditions are severe, is there an indoor kitchen?
3. Is there a source of drinking water for winter use?
4. Are winter-use toilet facilities provided?
5. Does the camp have or should it have snow removal equipment?

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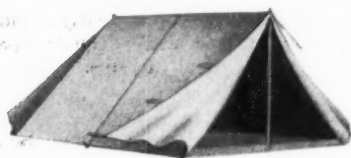
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Camp Facility Checklist

M. Camp Kitchen

1. Does the kitchen have complete and modern equipment?
2. Is the range of institutional type?
3. Is the fuel you are using of the most economical and efficient type?
4. Is there a cook's work table?
5. Is there a cook's lavatory and toilet within the building?
6. Is counter and kitchen space adequate to accommodate all kitchen equipment?
7. Is there a restaurant-type pot sink, a vegetable preparation sink and a sink where dishwater may be obtained?
8. Is the hot water storage tank of adequate size?
9. Is there a means of producing water at over 170 degrees for dish sanitization?
10. If dishwashing machines are used, are manufacturer's operating instructions carefully followed?
11. Is the kitchen separated completely from the dining space so that kitchen odors, noise and heat may not enter the dining room?
12. Is there a separate serving space and serving counter in the kitchen wing so that camper-waiters will not have to enter the kitchen proper?
13. Are refrigeration facilities adequate?
14. Is there a separate refrigerator in the kitchen for the use of the cooks and a walk-in box for longer term storage?
15. Does the camp have a frozen food locker?
16. Are kitchen and dining rooms light and airy so that artificial light does not normally have to be used at any time during the day?
17. Are kitchen waste lines attached to a grease trap?

N. Sleeping Quarters

1. Are cabins or tents in good condition?
2. Are tent platforms painted or stained and are all floors free of cracks, splinters and broken boards?
3. Are platforms pitched to drain in winter?
4. Are tents or cabins grouped in units

well separated from one another?

O. Bathing and Laundry

1. Does the camp have sufficient hot water shower facilities?
2. Is adequate laundry equipment or outside service provided for the staff and campers?

V. Water Front

1. Is the swimming area attractive and free from all hazards?
2. If the camp has a swim dock, is it of an approved type?
3. Is there a boathouse or other facility for storing craft and waterfront equipment when not in use during the season?
4. If a swimming pool is used, is it fenced in?
5. Are its filters and recirculators in good operating condition?
6. If swim area is an artificial lake is there a constant flow of fresh water over the dam?
7. Is the swimming area clearly divided to provide safe and adequate space for campers of all abilities?

VI. Storage

1. Does the camp have a storage building and garage?
2. Are these and other maintenance facilities located in a secluded area?
3. Is there a dry storage room for equipment?
4. Are rat-proof storerooms for tents and mattresses provided?
5. Is there a boathouse or storage space for boats, canoes and other aquatic equipment?
6. Are safe storage facilities adequate for all equipment?

VII. Maintenance

1. Does the camp own a truck, tractor or power saw?
2. What maintenance tools and supplies are or should be provided for the use of the camp caretaker?
3. Where are these stored and who is responsible for keeping them in good condition?

Based on material developed by Julian H. Salomon.

Insurance Guide for Camps

This insurance "guide" is intended to apprise Camp Directors of the various types of protection available, with brief descriptions of coverages afforded under each. There are exclusions in every policy, as well as coverages, in addition to those described. These exclusions particularly should be discussed thoroughly with your Insurance Counsel, prior to the purchase of any policy.

No effort is made here to list types of insurance in order of their importance. The value of one kind of protection against another depends on the particular situation of each camp involved. In some states, for instance, laws prohibit suit against a non-profit organization and, in such states non-profit church camps would have limited need for Comprehensive Liability Coverage. Therefore, we have attempted to acquaint the camp director with the names of the various types of insurance available to him together with a resume of the coverage under each type and special considerations which differentiate specialized camp insurance from other types of business operations.

On the chart following appear types of insurance which are generally regarded as being of primary importance and are those which are more frequently felt necessary by the camp. Several other types of coverage which are not of primary importance but which are also available are:

Inn-keepers Legal Liability — Some state laws classify camps in a category with Hotels and Inns. This policy covers the Camps' Liability under the law for the property of guests. Your attorney should determine your responsibility in your own state.

Money & Security Policy or Bond — Covers the loss of money from all risks, including dishonesty of employees.

Personal Effects Policy on Campers — Covers all loss of property of campers

while at camp. Sometimes the camp feels a moral obligation to purchase on behalf of the campers individual Personal Effects Floater Policies to cover loss or damage to property or equipment which the camper might bring to camp. However, normally the type of loss which a camper has at camp is covered by insurance carried by parents.

Boiler Insurance—Covering the risk of explosion of pressure vessels. Usually covers the replacement of the value of the boiler at the time of loss and also the damage to other camp property resulting from the explosion.

Non-occupational Disability Coverage (DBL)—This Insurance is compulsory for most camps located in the states of N. Y., Calif., N. J. and R. I. It pays benefits for time lost through non-occupational accidents and sickness.

Ice and Snow Collapse Insurance — Protects the camp against loss resulting from the collapse of buildings due to the action of ice and snow.

Special care should be taken by every camp operator to determine, prior to the purchase of an insurance policy, whether the company in which the policy is written is reputable and legally qualified to transact business in the state in which the camp is located.

Based on material prepared by Higham, Neilson, Whitridge and Reid, Inc.

Special

CAMP INSURANCE CHART

begins on

page 21

this CAMP is PROTECTED

by CAMP-GUARD

**ACCIDENT and SICKNESS
INSURANCE**

Display this Camp-Guard symbol on your camp brochures—it's the best way to tell parents you provide your campers with outstanding medical expense protection throughout the camp season. Before choosing a camp, parents will look for the one displaying this symbol. Include it in your 1957 camp program with a Camp-Guard accident and sickness plan. Investigate the benefits of the Camp-Guard plans today.

Contact your local insurance agent or broker. He will help you select the best plan to fit the needs of your camp, and furnish you with a supply of Camp-Guard Stickers for your use.

*Camp-Guard is
nationally advertised in
Parents' Magazine*



Continental CASUALTY COMPANY

SPECIAL RISKS DIVISION • 310 South Michigan • Chicago 4, Illinois

The TUITION REFUND Plan

for Day and Boarding Camps



**The PLAN that assures Your
Camp's Income but costs you
nothing**

Your camp, whether day or boarding, should have the benefit of this protection. The Tuition Refund Plan refunds, through you, the cost of lost time when sickness or accidents result in the loss of more than a week's participation in camp activities — even in case of withdrawal. Closure due to epidemic is also covered by the Plan or may be purchased separately. This protection is paid for by the camper and costs the camp nothing. If your camp has an enrollment of fifty or more, of pre-school age or older, you may enjoy the security of this Plan. Find out all about it now. Write to us for complete information.

**For Day or Boarding Camps
Special Plans arranged for Camp
Associations**

A. W. G. DEWAR
INCORPORATED

**Educational Insurance
Underwriters**

141 Milk Street, BOSTON 9, Mass.
625 Market St., San Francisco, Calif.
Member of American Camping Association

Types of Insurance

TYPE — FIRE PROPERTY DAMAGE

PROTECTION

Destruction or damage of property by fire and lightning.

PREMIUM BASIS

Construction and occupancy of buildings
Value of buildings and contents
Term of policy

SPECIAL CONSIDERATIONS FOR CAMPS

Two bases of coverage normally used:

1. Policy insuring all property for one blanket amount.
2. Policy listing all buildings and contents by individual valuation.

Plan best suited to camp risk must be determined by insurance counsel.

TYPE — EXTENDED COVERAGE

PROTECTION

Destruction or damage of property by wind-storm, hail, explosion (other than steam boiler), riot, civil commotion, automobile and aircraft damage, smudge damage, vandalism, malicious mischief.

PREMIUM BASIS

Same as Fire Property Damage

SPECIAL CONSIDERATIONS FOR CAMPS

Written as endorsement to Fire policy.
Deductible applied to windstorm losses in certain sections of the country.

TYPE — FIRE USE AND OCCUPANCY (Business Interruption)

PROTECTION

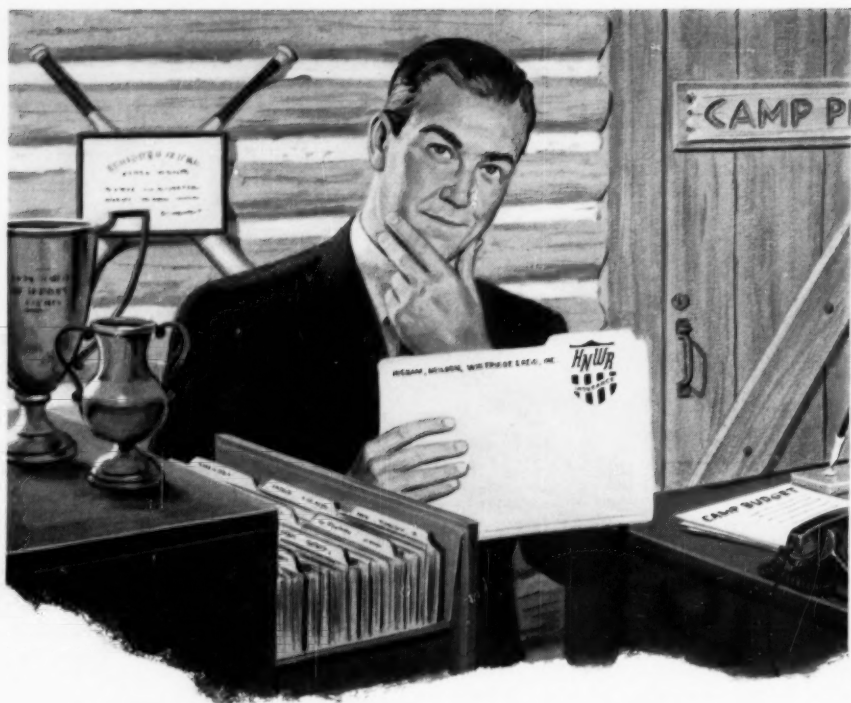
Property damage Fire Insurance covers direct physical loss. Use and Occupancy insures loss of earnings caused by being unable to use property as a result of its destruction or damage by fire and lightning. (Extended Coverage available to cover additional perils of destruction or damage as per explanation of perils above.)

PREMIUM BASIS

Fire insurance rate of buildings
Amount of earnings to be insured

SPECIAL CONSIDERATIONS FOR CAMPS

Policies may be written in most states on a special basis to cover the concen-



Camp Directors Who Look Ahead... Plan Their Insurance with the Leader!

HNW&R Policies Protected Over 500,000 Persons In Over 4,500 Camps in 1956 . . . Proving That HNW&R Again Leads in Camp Insurance!

Every year more farsighted camp directors plan their insurance with HNW&R than any other company because HNW&R means *individual service . . . offers broader benefits . . . and faster claims settlement.*

Before planning your '57 insurance, it will pay you to contact HNW&R . . . to benefit from our new and broader programs. And since HNW&R is both *independent* and *nation-wide*, we are best able to develop a low cost insurance program for your particular requirements in whatever categories you need protection.

HIGHAM, NEILSON, WHITRIDGE & REID, INC.

Members of American Camping Association

PHILADELPHIA • BOSTON • ATLANTA • CHICAGO • LOS ANGELES • NASHVILLE

LEADING THE NATION IN CAMP AND SCHOOL INSURANCE



Types of Insurance

trated period of income earnings peculiar to camp operation.

TYPE—COMPREHENSIVE LIABILITY

PROTECTION

Protects camp for its legal liability for injury or sickness of campers and public and damage to property of others arising out of its operation.

PREMIUM BASIS

Number of campers
Number of days camp operates
Number of canoes, boats, saddle animals, nurses or doctors
Individual camp's experience

SPECIAL CONSIDERATIONS FOR CAMPS

Liability should always be written on a *Comprehensive* form to cover automatically all operations and exposures.

TYPE—AUTOMOBILE AND TRUCK LIABILITY INSURANCE

(Although the complete coverage for ownership and use of vehicles can be included in Comprehensive Liability pol-

icy, separate insurance is also available.)

PROTECTION

Protects the legal liability of the camp for injury to public (including campers) and for damage to property of others resulting from ownership, use, or hire of motor vehicles.

PREMIUM BASIS

Description and use of each vehicle
Cost of hire of vehicles
Number of employees

SPECIAL CONSIDERATIONS FOR CAMPS

Special extension of normal Automobile policy required. Return premium granted for periods of storage.

TYPE—AUTOMOBILE AND TRUCK DIRECT DAMAGE

PROTECTION

Protects camp for loss due to damage of owned vehicles from essentially all causes including collision.

PREMIUM BASIS

Description and use of each vehicle
Amount of deductible on collision portion

SPONSORS OF CAMPS AND CONFERENCES

YOUR MEDICAL BILLS



Member ACA.

PROMPTLY • COURTEOUSLY

WRITE FOR LATEST DETAILS
BROTHERHOOD MUTUAL LIFE INSURANCE COMPANY
230 E. BERRY STREET FORT WAYNE 2, INDIANA

VERMONT ACCIDENT INSURANCE COMPANY
 — the **PIONEERS** of **CAMPING INSURANCE**,
 provide coverage which includes:

- Polio
- Epidemic
- Dismemberment
- Accidental Death
- Tuition Refund
- Medical Reimbursement

THERE IS NONE MORE COMPLETE, NONE FINER.

BUY NOW

*Best in
Coverage*

*Best in
Service*

VERMONT ACCIDENT INSURANCE COMPANY
RUTLAND, VT.

Members American Camping Association

CAMP EDUCATIONAL & SAFETY MATERIAL AND CONTINUES WITH PROMPT, GENEROUS PAYMENTS OF BENEFITS.

for your counselors:

A series of free folders about behavior problems of camp-age children, written by a prominent child psychologist, concerning the handling of nervous children, shy ones, bullies, etc. Write today for copies.

for your campers:

Flexible Medical Expense Plans paying benefits for accidents, sickness, accidental death, dismemberment, polio. Resident, Day Camp Plans. Travel disability covered. All staff members protected. FEE-REFUND PLANS available.

for you:

Excellent parent-camp relations! Financial protection! For information, no obligation, write . . .



.....

Free!

• Please send me _____ sets of

• Child Psychology Folders for Coun-

• selors. I understand there is no

• obligation.

•

•

NAME _____

STREET _____

CITY _____

E. A. KENNEY, Special Risk Div.
14 S. Wycombe Ave., Lansdowne, Pa.

Educators MUTUAL LIFE INSURANCE COMPANY, Lancaster, Pa.

Types of Insurance

SPECIAL CONSIDERATIONS FOR CAMPS

Same as above.

TYPE — WORKMEN'S COMPENSATION

(Compulsory in most states)

PROTECTION

Covers liability under State Laws for payment of lost time and medical expense for employees injured while performing their duties.

PREMIUM BASIS

Amount of payroll

Policy issued on estimate, subject to audit at expiration

In some states individual camp's experience affects rating

SPECIAL CONSIDERATIONS FOR CAMPS

Because camps often are located in states other than the resident states of the employees or owners, every policy should be written to cover the camp's liability under the laws of all states permitting private insurance.

TYPE — SPECIAL CAMP FLOATER

PROTECTION

Protects camp against loss by Fire or Lightning, those perils enumerated under Extended Coverage above, theft, and damage while in transit to property such as boats and camp equipment not normally in any specific building or location.

PREMIUM BASIS

Fire Insurance rate plus small loading for other perils

SPECIAL CONSIDERATIONS FOR CAMPS

Advantageous particularly for camps with extensive trip activities.

TYPE — THEFT INSURANCE

PROTECTION

Covers loss by theft of camp property.

PREMIUM BASIS

Amount of insurance carried

Type of property to be insured

SPECIAL CONSIDERATIONS FOR CAMPS

Policy should not be limited to Burglary which requires both "Visible means of forcible entry" and that the camp be closed for business.

TYPE — TUITION REFUND INSURANCE

(Known as Camp Contractual Liability or Tuition Fees insurance)

PROTECTION

Indemnifies camp for fees returned because of campers' withdrawals due to accident, illness, epidemic or fear of epidemic.

PREMIUM BASIS

Percentage of total gross fees

Individual camp's experience

SPECIAL CONSIDERATIONS FOR CAMPS

Policy must be flexible to permit tailor-made contract for specific camps.

TYPE — MEDICAL REIMBURSEMENT

(Known also as Accident and Sickness insurance.)

PROTECTION

Reimbursement to camp or parent for bills made necessary by medical treatment over and above that normally supplied by camp.

PREMIUM BASIS

Number of campers

Number of weeks camp operates

Whether camp is private or agency

Individual camp's experience

SPECIAL CONSIDERATIONS FOR CAMPS

Advantages of voluntary or compulsory (100% participation) plans should be discussed with insurance counsel.

YOUR CAMP INSURANCE

plays a vital part in the success of your camp. Careful study of the authoritative, objective material on these pages will enable you to buy the coverages you need wisely and economically.

PERSONALIZED

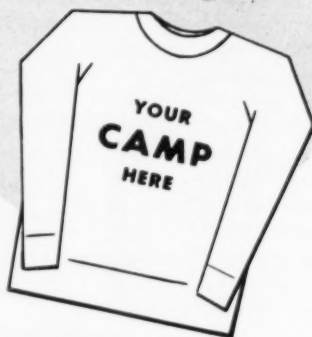
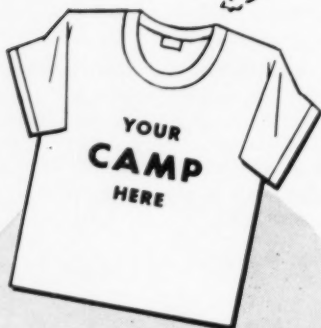
CAMP T-SHIRTS AND SWEAT SHIRTS



Order the brand that lasts the year around. NORWICH T-SHIRTS and SWEATSHIRTS wear like iron. They may be outgrown but never outworn.

Made of fine quality full combed yarns, NORWICH shirts are carefully cut to fit and NORSET® processed to keep them that way.

They are a must for camp and a walking, talking billboard for you the rest of the year. Don't miss out this summer. Order early . . . LIKE NOW!



**NORSET® PROCESSED
FOR LASTING FIT.**

SHRINK RESISTANT
"NORSET" PROCESS
T. M. REG.

Norwich

For complete price information send sample art and lettering plus colors and quantity desired.

NORWICH MILLS INC. NORWICH, NEW YORK

Camper Outfit Checklist

Do you make up a list of necessary and suggested camper equipment for your camp catalog? The following checklist will serve as a guide to help you make sure that your campers have all the equipment needed for a happy and carefree summer.

Necessary Equipment

- 1 heavy sweater, windbreaker or jacket
- 1 lightweight, sweater, long sleeves
- 1 cap or hat
- 1 pr. sneakers
- 2 prs. sturdy shoes
- 1 pr. rubbers or boots
- 1 poncho or raincoat
- 1 rainhat
- 2 prs. dungarees
- 1 pr. heavy slacks
- 3 prs. pajamas (1 warm)
- 1 pr. slippers
- 2 bathing suits
- 1 bathing cap
- 6 prs. washable shorts
- 8 cotton T shirts
- 2 white outfits for Sundays (if used)
- 12 prs. socks (cotton or wool, as indicated by camp location)
- 6 sets underwear
- 1 bathrobe
- 1 or more belts
- 1 doz. handkerchiefs or box of tissues
- 2 laundry bags
- 4 dark wool blankets
- 4 single sheets
- 4 pillow cases
- 1 pillow
- 6 turkish towels, medium size
- 3 wash cloths
- comb and brush
- 2 tooth brushes and paste
- soap and container
- nail file
- small mirror
- drinking cup (not collapsible)
- flashlight and batteries
- postage stamps (book-type)
- stationery and pencils
- cooking kit
- Bible

Suggested Equipment

- tennis racket
- baseball glove
- fishing tackle
- camera
- musical instruments
- steel wool
- canteen
- riding boots and jodhpurs
- camp diary
- axe
- pocket knife
- sleeping bag



CASH'S NAMES WOVEN OR PRINTED

CASH'S NAME TAPES protect personal belongings, apparel, linens, from loss or mix-ups. Your name actually woven into fine white cambric ribbon—6 Doz. **\$2.75**, 9 Doz. **\$3.25**, 12 Doz. **\$3.75**. Or printed on fine cloth tape—4 Doz. **\$1.00**, 8 Doz. **\$1.25**, 12 Doz. **\$1.50**. Other quantities on request. At notion counters everywhere. Write for samples.

Camp Directors — Ask about special service to camps.



NAMES

South Norwalk 18, Conn.

Camp Promotion Techniques

The promotion techniques below are listed in order of their effectiveness as rated by a cross section group of camp directors.

WITH CAMPERS

1. Personal visits
2. Camp reunions
3. Personal letters
4. Camp movies
5. Camp newspaper
6. Birthday and special cards
7. Making prospects feel at home
8. Camp folder and/or catalogs
9. Arrange program that meets needs
10. Letters from old campers
11. Phone calls from director
12. Get-acquainted party
13. "T" shirts with camp name
14. Word of mouth promotion
15. Camp experience lives up to camper's logical expectations
16. Having campers line up their friends for next season

WITH PARENTS

1. Personal visits
2. Direct mail
3. Camp movies
4. Camp folder and/or catalogs
5. Camp newspaper
6. Phone calls from director

7. Know parents as well as possible
8. Direct contact between parents and staff
9. Keep up year-round contact
10. Show special interest in each camper
11. Camp reunions

WITH ALUMNI

1. Camp newspaper
2. Personal contact and correspondence
3. Invitations to reunions
4. Invitations to camp during summer
5. Gifts to new babies
6. Encourage friendships through year
7. Camp folder and/or catalogs
8. Use as staff members
9. Maintain contact in college years
10. Letters on special days and events
11. Personal visits

WITH THE HOME COMMUNITY

1. Be active in social and civic groups
2. Work on community projects
3. Use newspaper, radio, and TV
4. Speak to groups and show pictures
5. Work with local youth groups
6. Be a member of ACA Section



SOFT FLEECE LINED SWEATSHIRT

A USEFUL REGISTRATION & REUNION GIFT!

Here's an ideal and practical gift that makes a wonderful impression on new registrants. Printed with your Camp name and insignia, they're perfect for cool evenings and when campers come out of the water!

Colors: Silver Grey or White

\$14.⁰⁰
Doz.

COMPARE OUR PRICES FOR ALL YOUR NEEDS!

- PRINTED T-SHIRTS • JACKETS
from \$5.50 doz. from \$2.50 each
- CAMP SHORTS • NYLON CARRY ALL
from \$7.75 doz. BAGS from \$27. doz

RICHARD SMITH CORP.

420 Tomkins Ave.

Brooklyn 16, N. Y.

SUCCESSFUL CAMPS speak for themselves!

HERE are typical comments from camps who have been profiting from advertising in PARENTS' MAGAZINE:

"We have had a very satisfactory season. Thank you so much for your help. Every one of the campers enrolled because of PARENTS' MAGAZINE, expressed a desire to return in 1957."

—From a Pennsylvania camp

"Very satisfied with enrollments from PARENTS'. Filled by Feb. 1st; turned over 40 away."

—From a Michigan camp

"Thank you for helping us to have a full enrollment...one of the best summers we have ever had. Thank you again for your wonderful help."

—From a New York State camp

YOUR ADVERTISEMENT in PARENTS' reaches the most receptive audience you can ask for—1,700,000* reader-families who depend on the magazine for guidance in decisions affecting the well-being of their 3½ million children.

For rates and full details, write direct to:
Josephine Chrenko, Director, School & Camp Dept.

PARENTS' MAGAZINE

52 Vanderbilt Ave., New York 17, N.Y.

*effective March, 1957

Promotion Techniques

WITH THE CAMP COMMUNITY

1. Cooperate in community projects
2. Educate campers and counselors to their responsibility to local community
3. Invite members of community into camp for special occasions
4. Conduct special song services in community
5. Purchase what is available in the community
6. Permit use of camp for community recreation and meetings
7. Belong to local Chamber of Commerce



8. Take part in competitive sports within the community
9. Participate in fairs, rodeos, etc.
10. Hire local personnel
11. Invite several members of community to final banquet
12. Send Christmas cards and/or gifts
13. Carry out improvement work on the physical plant of the camp all year.
14. Have friendly visits with local people
15. Participate in local soil-conservation projects
16. Attend local church occasionally

WITH OTHER CAMP DIRECTORS

1. Be sincerely friendly
2. Show desire and willingness to share experiences
3. Attend ACA and Section meetings
4. Take part in personal meetings and discussions with other directors
5. Take active part in camping workshops
6. Always boost, never knock.



Our cook is the most popular man in camp since he started baking with Pillsbury H&R Mixes!

simplify camp baking with Pillsbury H&R Mixes

It's easy and economical to bake with Pillsbury H&R Mixes. And you serve the finest pies, cakes, donuts and other baked foods your campers have ever eaten!

Pillsbury H&R Mixes cut your sup-

ply and inventory problems, too. You buy just *one* ingredient, at known cost . . . get known yields. Portion costs are easy to figure right down to the penny! Order Pillsbury H&R Mixes from your jobber or supplier.

There's a Pillsbury Mix for everything you bake!

CAKE MIXES

CHOCOLATE CAKE MIX
WHITE CAKE MIX
LEMON GOLD CAKE MIX
YELLOW CAKE MIX
ORANGE CAKE MIX
ANGEL FOOD CAKE MIX
SPICE CAKE MIX
GINGERBREAD MIX
BROWNIE MIX

PANCAKE MIXES

DELUXE GRIDDLE MIX
BUTTERMILK PANCAKE MIX
WAFFLE MIX

QUICK HOT BREAD MIXES

PLAIN MUFFIN MIX
BRAN MUFFIN MIX
CORN MUFFIN MIX
SOUTHERN CORN BREAD MIX
DELUXE DINNER ROLL MIX
HOT ROLL MIX
BISCUIT MIX

SPECIALTY MIXES

PIE CRUST MIX
CAKE DONUT MIX
COFFEE CAKE MIX
BREADER MIX
BATTER MIX
FLUFFY WHITE FROSTING MIX
CREAMY FUDGE FROSTING MIX



*Write Pillsbury Mills,
Dept. I. D., Mpls. 2, Minn.
for FREE portion cost guide!*

Food and

Food Service

FOOD BUYING GUIDES • FOOD NEEDS • KITCHEN UTENSILS

Food Outlook for 1957

Guide for Camp Food Buying

For the coming camp season you can expect—as usual—plentiful supplies of food. You probably will pay a little more for the foods you buy than you did last year. Prices are generally on the increase and Americans are expected to have a bit more money to bid for the food supply. And, too, the cost of marketing food is rising.

Meat supplies will be large again but not quite up to those of a year ago. Here's how our meat-eating will compare for this year and last:

Pounds Per Person		
	1956	1957
Beef	83.5	80.5
Pork	66.3	63
Lamb	4.4	4.2
Veal	9.3	9
Total	163.5	156.7

On a weekly basis, this means an average of 3 pounds of red meat for each of us—with about 1.6 pounds of beef, 1.2 pounds of pork, and the remaining .2 pound of lamb and veal.

The accompanying charts give a picture of retail price changes in meats and poultry during the year, and are a clue

as to times to be on the lookout for bargains in various kinds of meat. If you buy before camping season and keep meat in the freezer, you'll want to get your beef, pork and lamb by May. Prices usually advance seasonally in the summer. Veal is usually lower in price during the summer than the spring. Meat and poultry must be wrapped tightly in moisture-vapor-proof materials for freezer storage to keep them juicy and palatable.

As always, it's a good idea to order your staples in advance of the camping season. This year, it may be to your advantage price-wise to order sugar early—wholesale prices advanced 2 per cent last fall. This was the first change in many months. More than two-thirds of our sugar comes from the Caribbean and the South Pacific. To insure adequate supplies in view of disrupted shipping routes and timetables, the Secretary of Agriculture has increased our import quotas several times in recent months.

—Mary B. Wood, *Extension Home Economist in Marketing*, and Carlton E. Wright, *Extension Economist in Marketing*, Cornell University, Ithaca, New York.

Guide for Camp Food Buying

Availability

Price

Good Buying Months

Selection

Recommended

Maximum Freezer

Storage at 0° F.

Beef

Plentiful

Seasonally low in winter,
advancing to summer.
Above 1956.

March to May

Lower grades — USDA
Good and Standard have
more protein per pound
and cost less than Prime
and Choice. Buy beef ac-
cording to grade, whether
carcass or prefabricated
cuts.

Ground beef—4-6 mos.
Liver—3-4 mos.
Steaks, roasts—9-12 mos.

Pork

Best supply in winter and
spring.

Seasonally low until spring.
Higher in summer.
Above 1956.

March to May.

Boston butt, picnic and
shoulder are economical
cuts. Prefabricated cuts
such as center cut chops
and end cut chops help
with portion control.

Fresh pork—6-9 mos.
Sausage—1-3 mos.
Liver—1-2 mos.
Slab bacon—1-3 mos.
Whole ham—1-3 mos.

Lamb

Same as 1956.

High in summer.

March to May.

Lamb may be sold by
U.S. grades.

Lamb—9-12 mos.

Veal

Spring and summer times
of heaviest supply.

Price declines in late
spring and summer.

June to Sept.

Veal may be sold by
U.S. grades. Prefabricated
steaks available.

Veal—4-6 mos.

Broilers

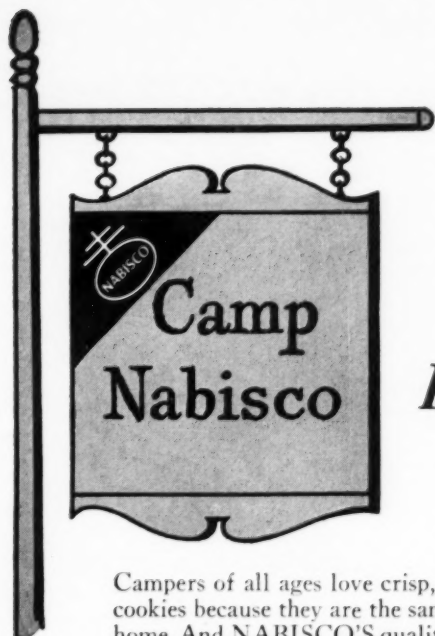
Supplies will exceed 1956.

Relatively low but run a
little high in early spring.

Each month.

Choose plump birds with
clear, smooth, thin skin,
no pin feathers, flexible
breastbone.

Ready-to-cock—6-7 mos.



A Welcome Sign for Hungry Campers

Campers of all ages love crisp, flavorful NABISCO crackers and cookies because they are the same products they know and enjoy at home. And NABISCO'S quality products are a favorite with Camp Directors, too. They've discovered that NABISCO'S popular individual packets of crackers keep freshness and flavor in . . . dampness out.

NABISCO'S superior packaging assures you of top quality, pin-point portion control, and low cost per serving. So please everyone at camp . . . keep a full supply of all NABISCO varieties on hand.

INDIVIDUAL-SERVICE PACKETS

Premium Saltine Crackers • Ritz Crackers • Dandy Oyster Crackers
Triscuit • Wafers • Cookie Treats • Waverly Wafers • Nab Packets

OTHER NABISCO FAVORITES

Nabisco Graham Crackers • Fig Newtons Cakes
Lorna Doone Shortbread • Oreo Creme Sandwich

Always Fresh . . .

246 distributing branches assure prompt and frequent delivery

*Send for
free samples
and
booklet today*



NATIONAL BISCUIT CO., Dept. 30, 425 Park Ave., N.Y.
Please send me free samples and new booklet.

Name.....Title.....

Organization.....

Address.....

City.....State.....

®

Guide for Camp Food Buying

Availability

Price

Good Buying Months

Selection

Recommended

Maximum Freezer

Storage at 0° F.

Turkey

Larger supplies for 1957.

Seasonally high in summer.

March to May.

Large birds give more meat per pound than small ones. Compare prices of small and large, toms and hens.

Ready-to-cook—6-7 mos.

Cooked—1-2 mos.

Eggs

Plentiful.

Prices rise seasonally in spring and summer.

August, when small eggs often cost less per pound than medium or large.

Grade A hold shape well when poached or fried. Lower grades, often 10¢ per dozen cheaper, are satisfactory to scramble and for cooking.

Recommended

Storage

Refrigerator. Probable storage life—2-6 wks. Use within 7 days for best quality.

Canned Fish

Tuna plentiful through March. Salmon not quite as plentiful.

Tuna prices same as 1956—well below 1954, 1955. Salmon prices advance seasonally in summer.

May to August for tuna. Before June for salmon.

Tuna fancy or solid pack suited for cold plate; chunk style for salads and casseroles; flake or grated for salads, sandwiches, casseroles.

Red salmon costs more than pink but is more attractive for salads. Salmon ranges from bright red to pink as: Chinook or King; Medium red or Coho; Pink; Chum or Keta.

Cool, dry room.

Dairy Products

Plentiful.

Generally higher than 1956.

Each month.

Mild American cheese cost less per pound than sharp. Butter may be made of sweet or sour cream; salted or unsalted. May be U.S. graded.

Fresh milk—below 45° F. Use within 3 days.

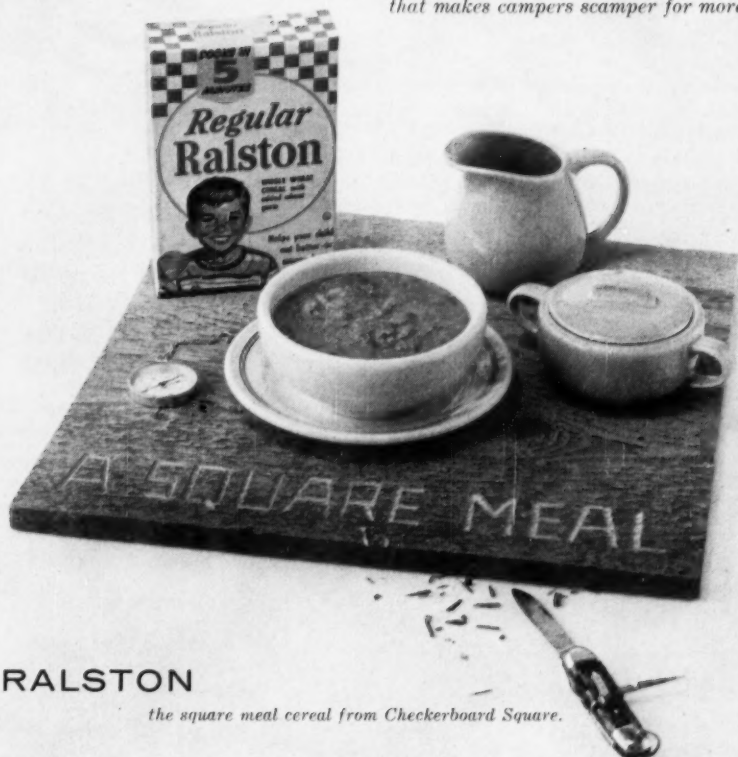
Hard cheese — keep in closed container. Will keep for months.

Butter—keeps well at 40° F. for several weeks, in original parchment or foil wrap and closed waxed carton.

CAMPERS *from California to the Carolinas like to start the day with a square meal.*

And hot, whole wheat Ralston is a real rib-stickin' cereal—with more genuine whole wheat whammy than any other leading brand.

Hot from the pot, Ralston has a real outdoors flavor that makes campers scamper for more.



RALSTON

the square meal cereal from Checkerboard Square.

Ralston Purina Company, Checkerboard Square, St. Louis 2, Missouri

Guide for Camp Food Buying

Availability

Price

Good Buying Months

Selection

Recommended

Storage

Canned Vegetables

Total supplies substantially larger than last year.

Watch for specials—especially in sweet corn and tomatoes.

March to June.

Whole kernel corn is attractive in side dishes and succotash. Cream style suitable for casseroles and soups. Buy according to grade. Top grade tomatoes are brighter in color, hold shape. Lower grades suitable for chili con carne, spaghetti, etc.

Cool, dry room. For best color and flavor use season purchased.

Frozen Vegetables

Supplies 38% above those of a year ago, on Jan. 1, 1957.

Large supplies will keep prices for most items at or below those of last year.

March to June.

Few frozen vegetables are sold by federal grades. Become familiar with the brand before you order large supplies of any one brand. Order through a supplier you know well.

Freezer.

If frozen vegetables have been thawed during delivery, use them soon for best color.

Canned Fruit

Pack near record in 1956.

Cherries and pineapple price advance in May.

March to Sept.

Buy according to grade. Top grades hold their shape well, have bright color, are free from blemishes. They are attractive to serve as dessert, garnish, salad. Lower grades are thrifty choice for pies, cobblers, etc. and are equally as good in nutritive value.

Cool, dry room.

For best color and flavor, use season of purchase.

Canned Juices

Extra large pack of tomato juice. About same source of vitamin C. To supply for citrus juices, provide as much vitamin C as in $\frac{1}{2}$ cup citrus juice.

Watch for "specials" on serve 1 cup tomato juice. tomato juice.

April to August.

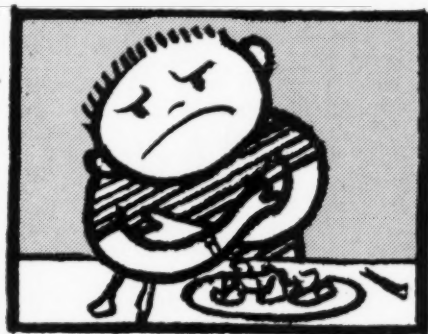
Cool, dry room.

For best color, flavor and vitamin C, use season of purchase.

"WANT NONES" change to "ALL GONES"

When Meals are Prepared with

***Milani's*® PRODUCTS**



ICE CUP ADE SUMMER DRINKS
GELATINE DESSERT AND PUDDINGS
HOT CHOCOLATE
SPAGHETTI SAUCE
(WITH AND WITHOUT MEAT)
BASE MIX FOR MEAT
CANNED MEATS

RASPBERRY-LOGANBERRY PUNCH
CIMARRON SAUCE
CHICKEN, BEEF, TOMATO AND
OTHER SOUP BASES
CHIFFON WHIP BASE
(MERINGUE POWDER)
MAYONNAISE MIX

"1890" FRENCH DRESSING
AND MANY OTHER FOOD SPECIALTY PRODUCTS

Send me Complete Information on your offerings for Summer Camps:

Name of Camp: _____

Winter Address: _____

Town and State: _____

Signed: _____ Title: _____

MAIL TO:

Louis Milani Foods, Inc. Dept. C-1

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12312 W. Olympic Blvd. • Los Angeles 64, Calif.

★ **Factory Representatives in All Major Cities**

Guide for Camp Food Buying

Availability

Price

Good Buying Months

Selection

Recommended

Storage

Frozen Fruits

Seven percent larger supply on hand Jan. 1, 1957 than year earlier.

Look for specials in strawberries, with new pack-season, beginning May 1.

April to June for strawberries.

Frozen fruits lose their color soon after thawing. Order container in sizes which can be used promptly. 10 lbs. of strawberries provide topping for 50 servings of ice cream. Strawberry slices keep color better than whole berries.

Freezer.

Use promptly after thawing for best color and flavor.

Frozen Citrus Juices

One-fourth more frozen orange concentrate on Jan. 1, 1957 than year earlier. Total production of citrus juices expected to be higher in 1957.

Limeade and lemonade are popular and provide some vitamin C.

Freezer

Little change in prices.

Each month.

Fresh Fruits and Vegetables

Nearby and shipped-in ones will be plentiful.

Look for lowest prices when nearby ones are in season.

July to Sept.

Choose clean, fresh-looking well-shaped fruits and vegetables that are heavy for their size.

Ripen green fruits and vegetables as melons, peaches, pears and tomatoes at about 65° F. Keep bananas in dry room at 60° to 65° F. Store onion and potatoes at 40° to 60° F. Most other fresh fruits and vegetables keep well between 40° and 50° F.

When You Buy for Your Camp

Buy Wisely!

Consult the advertisements in this issue and the Buying Guide section which begins on page 115. The firms listed are experienced camp suppliers who want to serve you well.

...with **Downyflake**

... YOU'RE ALL
SET FOR FINE BAKERY
GOODS ALL SEASON!



Downyflake keeps COSTS LOW...
makes it easy for Bakers...pleases Campers!

Here's your insurance policy guaranteeing top quality bakery goods all through camping season: Downyflake Fully Prepared Baking Mixes. In an emergency, even unskilled help can bake every one of the 24 items in a jiffy. Downyflake cuts cost (and you know your costs); allows your chef more time for finishing by making his job easier. Only one ingredient to keep track of—that's Downyflake.

Downyflake INSTITUTIONAL PRODUCTS
division of
DCA Food Industries, Inc.
45 West 45th Street, New York 18, N.Y.

Downyflake Institutional Products Division
DCA Food Industries, Inc.
45 West 36th Street, New York 18, N.Y.

Gentlemen:

Please send me a Free sample of Downyflake Mix and valuable camp baking folder.

Name of Individual _____
Name of Camp _____
Address _____
City _____ Zone _____ State _____

Food Needs of Children

Kinds and quantities of food required per person per week
based on moderate-cost meals

Item	Unit	Children 7-9	Children 10-12	Girls 13-15	Girls 16-20	Boys 13-15	Boys 16-20
Milk ¹	Qts.	7	7	7	7	7	7
Potatoes	Lb.-oz.	1-12	2-8	2-10	2-4	3-2	4-0
Dry Beans, Peas, Nuts	Lb.-oz.	0-2	0-2	0-3	0-2	0-3	0-4
Tomatoes, Cit. Fruit	Lb.-oz.	1-8	1-12	1-12	2-0	2-0	2-0
Leafy, Green, & Yellow Vegs. ²	Lb.-oz.	3-0	3-8	3-8	3-8	3-0	3-0
Other Vegs. & Fruit ³	Lb.-oz.	3-0	4-0	3-4	4-4	5-0	5-8
Eggs	No.	6	6	6	6	6	6
Meat, Fish & Poultry ⁴	Lb.-oz.	1-8	2-0	2-8	2-8	2-12	3-0
Flour, Cereals ⁵	Lb.-oz.	2-2	3-4	3-4	2-8	4-8	5-0
Fats, Oils ⁶	Lb.-oz.	0-8	0-12	1-2	0-12	1-2	1-9
Sugars, Sirups, Preserves	Lb.-oz.	0-8	0-12	0-14	0-12	1-2	1-9

1—Or its equivalent in cheese, evaporated milk, or dry milk.

2—Such as green cabbage, kale, snap beans, carrots.

3—Such as apples, bananas, peaches, onions, corn, celery.

4—Exclude bacon and salt side.

5—Count 1½ lb. bread as lb. of flour. Use chiefly whole or enriched products.

6—Include bacon and salt side.

Source: Bureau of Home Economics, U. S. Department of Agriculture.

Wholesale Package Sizes

for various camp foods

Vegetables	Unit of Purchase	Weight in Pounds	Fruits	Unit of Purchase	Weight in Pounds
Asparagus	Crate	30	Apples	Bushel	48
Beans, green	Bushel	30	Bananas	Hand	5
Beets	Bushel	52	"	Bunch	45 to 65
Cabbage	1½ bu. hamper	48	Blackberries	Crate	36
"	Sack	50			(24 qt.)
Canned Goods	No. 10 can	6½	Raspberries	Crate	36
		Approx.			(24 qt.)
Carrots	Sack or bushel	50	Strawberries	Crate	36
Cauliflower	1½ bushel crate	37			(24 qt.)

Celery	½ crate	65	Cherries	Bushel	64
Corn	Bushel	35	Grapefruit	Calif. box	68
"	Sack (100 ears)	55	"	Fla. or Tex. box	80
Onions	Sack	50 or 100	Grapes	Lug	28
Parsnips	Bushel	50	"	Bushel	48
Peas (unsh'd)	Bushel	50	Lemons	Box	79
White Potatoes	Peck	15	Melons		
"	Bushel	60	Cantaloupe	Jumbo crate	70
"	Sack	100	Honeydew	Crate	35
Sweet Potatoes	Peck	13¾	Watermelon	Each	25
"	Bushel	55	Oranges	Calif. box	77
Spinach	Bushel	18	"	Fla. box	90
Squash,			Peaches	Bushel	48
(Summer)	Bushel	40	Pears	Bushel	48
Tomatoes	Lug Box	32	Plums	Suitcase Lug	16
"	Bushel	53	"	Crate	28
Turnips,	Bushel	54	"	Bushel	56
(no tops)			Prunes (dried)	Box	25 or 50

Will You Write Us?

We will be able to include more information of specific and practical value to you, in future issues of the Annual Reference and Buying Guide—if you will write us which charts and tables in this issue you find most useful, which least appropriate, and what new kinds of information you would like included in future issues.

Just address: Editor, Camping Magazine, 120 W. 7th St., Plainfield, N. J. We will greatly appreciate your help.



WELL FED WITH H.B.C. CAMP FOODS

**EASY FOR THE KITCHEN—
POPULAR WITH CAMPER!**

- Beverage Bases
- Instant Puddings
- Gelatine Desserts
- Cream Desserts
- Sweet Milk Cocoa
- Rapid Cake Bases

and **TRIPPEROOS** . the ideal food package for all out-of-camp meals. Over 20 menu favorites each one serves four campers generously.

Complimentary samples and literature to Camp Directors on request.



**HILKER & BLETSCH
COMPANY**

614 W. Hubbard St.
Chicago 10, Ill.

Manufacturers of
Quality Food Products Since 1891

Canned Foods for 100 Servings

PRODUCT	Size of Can	Count Per Can	Size of Portion	Approx. No. of Cans for 100 Portions
Table Fruits				
Apricot Halves	No. 10	76-88	3 halves	4
Fruit Cocktail	No. 10		4 oz.	4
Kadota Breakfast Figs	No. 10	90-110	3 figs	3½
Peach Halves	No. 10	35	3 oz.	3
Peach Slices	No. 10		3 oz.	3½
Prune Plums	No. 10	75-85	3 plums	4
Vegetables				
Baked Beans	No. 10	3 quarts	7 oz.	7
Green Beans	No. 10	3 quarts	4 oz.	4
Wax Beans	No. 10	3 quarts	4 oz.	4
Beets	No. 10	3 quarts	4 oz.	4
Carrots	No. 10	3 quarts	4 oz.	4
Peas	No. 10	3 quarts	4 oz.	4
Sauerkraut	No. 10	3 quarts	4-5 oz.	5
Spinach	No. 10	3 quarts	4 oz.	4
Sweet Potatoes	No. 10	3 quarts	4 oz.	4
Fish Products				
Salmon	1 lb.	2 cups	½ cup	25
Tuna Fish	No. 1	1¾ cups	½ cup	25
Juices				
	No. 10	3 quarts	6 oz.	6
	No. 3	1½ qts.	6 oz.	12
Soups				
	No. 10	12-13 cups	¾ cup	7*
	No. 3	6¼ cups	¾ cup	11*
Meat Products				
Corned Beef Hash	No. 10	12 cups	½ cup	4
Frankfurters	4-lb. can	35	2 (5 oz.)	6
Meat Loaf	6-lb. loaf		5 oz.	5
Jams and Spreads				
Grape Jelly	1 lb.	1½ cups	1½-2 tbsp.	9
Orange Marmalade	No. 10	3 quarts	1½-2 tbsp.	1
Peach Jam	No. 10	3 quarts	1½-2 tbsp.	1
Peanut Butter	2 lbs.	3½ cups	2 tbsp.	2

* Servings for condensed soup should be based on quantity after liquid has been added. Number of servings would be twice those stated above.

FRESH FRUIT FLAVOR IN SECONDS!

CRAMORES CRYSTALS



LEMON

LIME

ORANGE

provide delicious fruit flavor for beverages and baked foods. Made from real fruit base with fruit components added. 10 oz. size. If dealer doesn't stock, order samples and prices direct.

CRAMORES DRI-SYRUP

- Instant quality beverages
- Lemon-Orange-Grape-Pink lemon
- Convenient storage
- No bulky containers
- Free from preservatives
- 1-2 1/2 lb. bag makes 3 gallons of delicious beverage

CRAMORE FRUIT PRODUCTS, Inc. Point Pleasant Beach, N. J.

The Home of "Big Sea Day"

Quick Food Energy

for Active Campers!



STOCK AMERICA'S FAVORITE CANDY BARS . . Contact Us NOW!



CURTISS CANDY COMPANY • CHICAGO 13, ILL.

Otto Schnering, Founder

Buying Meat for 100 Servings

Kind of Meat	Cut	Style	Weight of cooked serving	Approximate amount of purchase
Beef (a) for Roasting	Round	Rump and shank off	4 ozs.	74 lbs.
			6	110
	Ground beef	Meat loaf (all meat)	4	46
			6	69
	Ground beef	Meat loaf (cereal filler)	4	28
Lamb (a) for Roasting			6	42
	Leg	Bone-in	3	46
			4	62
	Shoulder	Bone-in	3	32
			4	42
Pork (b) for Roasting	Shoulder	Boneless	3	30
			4	40
	Loin	Bone-in	3	44
			5	74
	Shoulder	Cushion	3	41
Veal (a) for Roasting			5	68
	Fresh ham (leg)	Bone-in	3	46
			5	76
	Smoked or pickled ham	Bone-in	2	37
	Leg	Bone-in	3	55
Beef (c) for Braising			3	38
	Shoulder	Rolled	4	50
			3	31
			4	41
	Round	Rump and shank off	3	41
Braising or simmering (d)			4	54
	Round	Swiss steak	4	35
			6	52
	Flank	Steak	4	35
			6	61
Pork (c) for frying, braising or roasting	Sirloin butts	Boneless	4	27
			6	40
	Chuck	Boneless	4	41
			6	61
	Plate or short ribs		5	42
Frying or broiling			7	58
	Loin	Chops	4	40
			5	50
	Sausage	Bulk	2	23
	Bacon	Sliced	3	34
			1	18

(a) If cooked at above 300° F. amount purchased will have to be increased.

(b) If cooked at above 350° F. amount purchased will have to be increased.

(c) If cooked at excessively high temperature, increase amount purchased.

(d) If cooked at boil rather than simmering, increase amount purchased.

Source: University of Texas, adapted from "Cooking Meat in Quantity," published by National Live Stock and Meat Board.

22 Complete Different Delicious Hot Meals

**QUICK! NOURISHING!
AND SO INEXPENSIVE!**

SILVER SKILLET Prepared Ready-to-heat-and-serve **MEAT ENTREES**



Big Cans! Little Cans!

- 30 oz., 50 oz., and No. 10 (108 oz.)
- Smaller tins • Individual sizes for hikes and over-night outings

- Corned Beef Hash
- Chili Con Carne with Beans
- Chili Con Carne without Beans
- Beef in Barbecue Sauce
- Pork in Barbecue Sauce
- Beef Chop Suey
- Beef Stew
- Sliced Beef in Barbecue Sauce
- Sliced Pork in Barbecue Sauce
- Sliced Beef in Gravy
- Cubed Corned Beef with Beans
- Beans with Sliced Franks
- Chili Beans in Hot Chili Gravy
- Beef in Gravy
- Cubed Beef in Gravy
- Cocktail Franks in Barbecue Sauce
- Spanish Rice
- Swiss Steak
- Egg Noodles and Beef
- Spaghetti and Meat Balls
- Spaghetti and Meat Sauce

write

Taste-tempters, work and time savers! Ready to use, easy to keep . . . no refrigeration necessary. Just pennies a platefull

P. O. Box 286, Skokie, Illinois for name of your local distributor and free copy of booklet: "The Silver Skillet Kitchen of Meals - In - Minutes."

SILVER SKILLET BRANDS, Inc.

LET THIS

**Annual Reference Guide
Help You to Achieve
Better Camping For All
in Your Camp**

**Consult it every time you need
camp management information**

Fresh Foods for 100 Servings

MEATS

Item	Amount Required
Bacon	15 pounds
Chicken (creamed)	30 pounds
Chicken (fricasse)	50 pounds
Chicken (roast, fried)	75 pounds
Chops	40 pounds
Cold Cuts	18 pounds
Corned Beef (for hash)	20 pounds
Dried Beef	10 pounds
Frankfurters	16-20 pounds
Ground Meat (loaf)	20 pounds
Ground Meat (patties)	25 pounds
Ham (baked)	40 pounds
Ham (cold boiled)	12 pounds
Liver	25 pounds
Sausage	25 pounds
Meat for Soup (meat and bones)	30 pounds
Stew (with vegetables)	20 pounds
Swiss Steak	35 pounds
Short Ribs (bone in)	65 pounds
Turkey, Roast, with Dressing	50-60 pounds

FISH

Fillet	30 pounds
Whole, cleaned	35 pounds
Portion-packed	25 pounds

FRUITS

Apples	34 pounds
Apples (sauce or salad)	30 pounds
Bananas	34 pounds
Bananas (sliced or in salad)	15 pounds
Berries:	
Blackberries	20 quarts
Blueberries	12 quarts
Raspberries	23 quarts
Strawberries	24 quarts
Cherries	1 crate (16 qts.)
Grapefruit	50
Grapes	30 pounds
Melons:	
Cantalouge	50
Honeydew	37 pounds
Watermelon	75 pounds
Oranges	100
Peaches	35 pounds
Pears	34 pounds
Plums	20 pounds
Rhubarb	24 pounds

VEGETABLES

Item	Amount Required
Asparagus	34 pounds
Asparagus (creamed)	25 pounds
Beans (green or wax)	28 pounds
Beets	30 pounds
Broccoli	35 pounds
Cabbage (cooked)	25 pounds
Cabbage (raw)	16 pounds
Canned Vegetables	4 No. 10 Cans
Carrots	25 pounds
Cauliflower	50 pounds
Celery (salad)	10 bunches
Corn	100 ears
Cucumbers (salad)	8
Lettuce (shredded)	20 heads
Lettuce (garnish)	10 heads
Onions	24 pounds
Parsnips	28 pounds
Peas (in shell)	50 pounds
Potatoes, Irish	40 pounds
Potatoes, Sweet	40 pounds
Radishes	20 bunches
Spinach	34 pounds
Squash, Summer	30 pounds
Tomatoes	30 pounds
Turnips	30 pounds

PREPARED FOODS

Beverage	5 gallons
Bread (30 slices to a 2-lb. loaf)	7 loaves
Cake, layer, 10-inch	6 cakes
Cake, sheet	2 pans (12 x 20 in.)
Fruit Cup	2½ gallons
Pies, 9-inch	15
Pudding, cornstarch	2½ gallons
Salads	3-4 gallons
Salad Dressing	2 quarts
Sauces	3-4 quarts

MISCELLANEOUS

Berries (shortcake)	16 quarts
Butter or margarine	2 pounds
Cheese, American	7 pounds
Cheese, Cottage	20 pounds
Cocoa	1 pound
Ice Cream	4 gallons
Macaroni	8 pounds
Olives	3 quarts
Pickles	3 pounds
Potato Chips	5 pounds
Rice	10 pounds
Spaghetti	8 pounds

Staple Foods and Beverages Inventory

	#	Times	Quan.	Total	On	Addl.		Date	Date
	on	for	Needed	Season	Hand	Needed	Source	Ord.	Rec.
	Menu	Ea.	Meal	Need					
Baked Beans, Canned									
Baking Mixes									
Cake									
Doughnut									
Muffin									
Pie									
Roll									
Baking Supplies									
Baking Powder									
Baking Soda									
Corn Meal									
Flour									
Beverages									
Chocolate drink mix									
Cocoa									
Coffee									
Fruit punch base									
Syrups, Concentrated									
Tea									
Candy									
Catsup									
Cereal, hot									
Cereal, cold									
Chocolate Sauce									
Condiments									
Cookies									
Crackers									
Chocolate, Baking									
Fish, Canned									
Fruit, Canned									
Apple Sauce									
Apricots									
Cherries									
Fruit Cocktail									

Staple Foods and Beverages Inventory

	#	Quan.	Total	On	Addl.		Date	Date
	Times	Needed	for Ea.	Season	Hand	Source	Ord.	Rec.
	on Menu	Meal	Need					
Gelatine								
Jams and Jellies								
Juice, Canned								
Grapefruit								
Orange								
Pineapple								
Tomato								
Vegetable								
Macaroni								
Marshmallows								
Milk, Dried								
Milk, Evaporated								
Meat, Canned								
Mustard								
Noodles								
Pancake and Waffle Mix								
Peanut Butter								
Pepper								
Pickles								
Popcorn								
Puddings								
Relishes								
Rice								
Salad Dressing								
Salad Oil								
Salt								
Shortening								
Soup, Canned								
Spaghetti								
Sugar, Confectioners								
Sugar, Granulated								
Syrups								
Vinegar								
Vegetables, Canned								

Utensils for Camp Kitchens

Number and Sizes of Utensils Needed

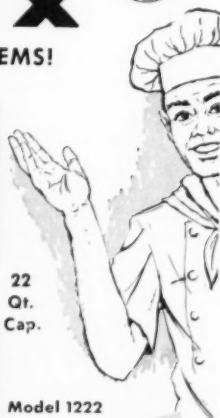
Equipment Item and Description	Number needed for	
	100 Campers	150 Campers
STOCK POTS with covers, 5 to 10 gallon, tall with straight sides and handles, aluminum, semi-heavy.	2 only	3 only
PRESERVING KETTLES, 10 to 16 quart, aluminum	4 only	6 only
DOUBLE BOILERS, 11 quart, heavy duty aluminum	1 only	2 only
17 quart, heavy duty aluminum	2 only	2 only
SAUCE PANS, handled 2 quart, semi-heavy aluminum	2 only	2 only
4 quart, semi-heavy aluminum	2 only	2 only
BAKING PANS, 12 x 18 x 2½ inches, aluminum	8 only	12 only
ROASTING PANS, black sheet iron with 3 straps, 16 x 22 x 3½ inches (to fit range oven)	4 only	6 only
FRYING PAN, 14 inches, black iron	2 only	2 only
MUFFIN PANS, 12 cup, aluminum or good grade of tinned ware	12 only	18 only
PUDDING PANS, round 2 quart, aluminum	1 only	2 only
4 quart, aluminum	2 only	3 only
MIXING BOWL, 9 quart, aluminum	1 only	2 only
SKIMMER, wire, 6 inch diameter	2 only	2 only
ICE PICK	1 only	1 only
BISCUIT CUTTER, 2 inch diameter	2 only	2 only
APPLE PARING MACHINE	1 only	1 only
VEGETABLE BRUSHES	6 only	9 only
CUTTING BOARD, 24 x 18 x 2 inches cured hard maple	1 only	1 only
LADLES FOR SERVING (Aluminum or stainless steel)		
1 cup capacity	2 only	2 only
½ cup capacity	2 only	2 only
¼ cup capacity	2 only	2 only
LADLE, 1 quart, with long handle	1 only	1 only
ICE CREAM DIPPERS		
No. 8 (for potato and vegetables)	2 only	2 only
No. 10 (for ice cream)	2 only	2 only
No. 12 (for salads)	2 only	2 only
No. 24 (for sandwich fillings)	2 only	2 only
PITCHERS, aluminum, 4 quart	2 only	2 only
TRAYS, 14 x 18 inches	8 only	12 only
GRADUATED MEASURES:		
Spoons, aluminum or plastic	2 sets	2 sets
Cup, aluminum	2 only	2 only
Quart, aluminum	2 only	2 only
DISH PANS (for mixing) 21 quart, aluminum or heavy tinned ware	2 only	3 only

Kitchen Utensils

Equipment Item and Description	Number needed for	
	100 Campers	150 Campers
COLANDER, 15 inch diameter, aluminum	1 only	1 only
STRAINERS, wire, 8 inch diameter	1 only	2 only
CHINA CUP STRAINER, 10 inch	1 only	1 only
WOOD CHOPPING BOWL, 15 to 16 inch diameter	1 only	1 only
ROLLING PIN, wood, 15 inches long, 3½ inches diameter	1 only	1 only
FOOD CHOPPER, 3 pound capacity	1 only	1 only
ROUND CAKE PANS, good grade tinned ware, 10 inches diameter, 2 inches deep	18 only	27 only
BISCUIT SHEETS, good grade tinned ware, (pans with sides) 16 x 22 x 1 inch	4 only	6 only
BUTTER CUTTER	1 only	1 only

Let an automatic
univex

WHIP YOUR MIXING PROBLEMS!



22
Qt.
Cap.

Model 1222

**UNIVEX
FOOD MIXER**
only

\$410.00

Complete Mixer with
Bowl, Beater & Whip.
Prices Slightly Higher
in West

FABULOUS FEATURES!
Fully Automatic Timer!
Nine Variable Speeds!
Change Speeds without
Stopping!
Swing Bowl Action,
Easy Loading!
Twice the Capacity
of Other Makes!

Here's a truly wonderful, profitable, silent partner . . . your automatic UNIVEX Food Mixer! Small in size . . . big in production . . . large in capacity! Imagine! This sensational UNIVEX BENCH MODEL mixes 24 lbs. of heavy pizza or bread dough within 3 to 5 minutes!

Your first step towards economical, speedy
mixing is to see your dealer or write:

UNIVERSAL INDUSTRIES

385 MYSTIC AVE., SOMERVILLE 45, MASS.

HAND REAMER, glass	2 only	2 only
CAN OPENER, stationary	1 only	1 only
HAND GRATER, aluminum, 9 x 4 inches	1 only	1 only
WIRE WHIP		
French, 16 inches long	1 only	1 only
French, 22 inches long	1 only	1 only
KNIVES		
French, chopping, 12 inch blade	2 only	2 only
Carving, hotel slicer, 12 inch blade	1 only	1 only
Paring, 3 inch blade	3-6 only	4-9 only
Spatula, stainless steel, 8 inch blade	2 only	2 only
Chopping knife with double blade	1 only	1 only
Cleaver, 8 inch blade	1 only	1 only
KNIFE SHARPENER, 12 inch, butcher steel	1 only	1 only
COOK'S FORK, 12 to 18 inches	2 only	2 only
PANCAKE TURNERS, stainless steel, 6 inches x 3 inches	2 only	2 only

PEEL YOUR WAY TO HIGHER PROFITS

with an AUTOMATIC

Univex

VEGETABLE PEELER

\$160.00
only

Yes! Cut your peeling costs and save \$3 per 100 lbs. . . . Speed up your service . . . increase the number of meals you serve! You'll have more profitable meals — install a sensational UNIVEX Vegetable Peeler!

Price Slightly Higher in West

MODEL G



Look at these exclusive UNIVEX features . . . found on no other peeler at this popular price: Portable . . . just plug in! Stainless steel construction! Peels 20 lbs. of deep root vegetables in ONE MINUTE! Peelings flow down DRAIN! Automatically timed . . . set it —



THE VERY BEST BUY IN AUTOMATIC PEELERS! UNIVEX FLOOR MODEL

GP only

\$260.00

Permanent Installation . . . All Stainless Steel with Adjustable Legs and Discharge!

forget it! Peeling disk unconditionally guaranteed 2 years!

Speed your food processing and service . . . write —

UNIVERSAL INDUSTRIES

385 MYSTIC AVE., SOMERVILLE 45, MASS.

Kitchen Utensils

Equipment Item and Description	Number needed for	
	100 Campers	150 Campers
SPOONS, large cooking, 14 inches long	6 only	9 only
EGG BEATER, large sturdy, stainless steel	2 only	2 only
GARBAGE CANS, with covers, 6 gallon capacity, heavy duty galvanized (for storing supplies)	6 only	6 only
GARBAGE CANS, with covers, 26 gallon capacity, heavy duty galvanized	8 only	8 only
CLOCK	1 only	1 only
HAMMER	1 only	1 only
SHEARS, 8 inches long	1 only	1 only
LADDER, store room, 4 feet	1 only	1 only

Source: "Camp Kitchen Management," published by Dept. of Institution Management, New York State College of Home Economics, Cornell University.

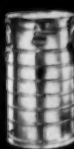
AerVoid

REG. U.S. PAT. OFF.

PORTABLE

All Stainless Steel—Vacuum Insulated
(Hot or Cold) Food, Soup, Coffee, Milk
and Beverage Carrier-Dispensers...

**BEGIN WHERE
COOKING KETTLES,
AND COFFEE URNS,
LEAVE OFF!**



To-day's "Modern" trend toward centralization of food production is a move toward Economy, Better Quality and Higher Sanitary Standards.

The development of AerVoid's made possible this modern concept of Mass-Feeding, which has now been successfully adopted by Institutions, Schools, Hospitals, Industrial Plants, Hotels, Caterers, Camps, Air Lines, Civil Defense and many other Governmental and Commercial feeding operations.

Engineered for sanitation and "In Compliance" with construction requirements of the U.S. Public Health Service Codes.

Write for FREE Literature Kit CM-08

VACUUM CAN COMPANY

19 SOUTH HOYNE AVENUE
CHICAGO 12, ILLINOIS

CAMP SPECIALS



... LOWEST PRICES EVER
CLEAR PLASTIC
HEAVY-DUTY TUMBLERS
Won't Chip! Won't Break!
Safe in automatic dishwash-
ers. Used in camps and in-
stitutions everywhere. Over
10,000,000 sold in last year.

#PT-04, 4 oz. Juice
List doz.: \$2.90 **SPECIAL \$1.65 Doz.**

#PT-05, 5 oz. Juice
List doz.: \$3.15 **SPECIAL \$1.75 Doz.**

#PT-08, 8 oz. Milk or Water
List doz.: \$3.50 **SPECIAL \$1.95 Doz.**

6 Doz. to Ctn. Order Now, Limited Sale

GOV'T. THERMAL JUGS

Unbreakable. Stainless Steel.
Fully Insulated. Keeps liq-
uids hot or cold for hours.
#G-2, 2 Gallon, with spigot,
Stainless Steel Interior,
Green Enameled
Exterior. \$35.00
Value. **SPECIAL \$14.95 Ea.**

#S-2, 6-3/4 Qt. All Stainless
Steel, Interior and Exterior.
Equipped with special safety
lock spigot.
\$83.00 Value. **SPECIAL \$39.95 Ea.**



EXTRA-HEAVY STAINLESS STEEL TABLEWARE

#9 Plain Windsor Pattern at
lightweight prices.

TEASPOONS \$1.20 dozen

FORKS \$1.90 dozen

SOUP SPOONS \$1.90 dozen

KNIVES, Stainless Steel, One-
Piece, imported, mirror finish,
\$5.55 Value **\$3.50 dozen**

Write for our Catalog #CM-57 for Best
Prices and Values on Equipment
and Supplies for Your Camp.

ADMIRAL EQUIPMENT CO.

7 East 22nd St. New York 10, N. Y.
ALgonquin 4-9933

LILY PAPER SERVICE

for beverages
and food



*T.M. Reg. U.S. Pat. Off.

save labor, time and space
cancel breakage
help prevent spread of disease
save money

Juice Cups — Small (3, 4, 5 oz.)
For fruit juices and water.

Cold Drink Cups — Medium (6-10 oz.)
For milk, ades, pop, iced tea.
Large (12-24 oz.)
For milkshakes, other large drinks.

Hot Drink Cups — Medium (6-10 oz.)
For hot chocolate, soup, coffee.

Soup Bowls (8, 10, 12, 16 oz.)
For soups, stews, casseroles, hot or
cold cereals.
(Casserole recipes on request)

Portion Cups (9 sizes from ½ to
5½ oz.)
For condiments, sauces, vegetables,
desserts.

Dishes (4 and 6 oz.)
For ice cream, salads, stewed
fruits, puddings.

Containers—(4, 8 and 16 oz.) with lids.
For carrying or storing ice cream,
stewed fruits, puddings.

Plates—plastic coated or plain (5 sizes
—6 inch to 9¾ inches) Attractive,
heavy duty.

*Send for free SCHOOL AND CAMP
KIT containing samples of the Lily*
products you can put to work for you.*

LILY-TULIP CUP CORPORATION, Camp Dept.

122 East 42nd St., New York 17, N. Y.

Chicago • Kansas City • Los Angeles

Dining Service Inventory

Items	Quantity Needed	On Hand	Condition	Addl. Needed	Source	Date Ord.	Date Rec.
Benches							
Bowls, Cereal or Soup							
Chairs							
Cups							
Glasses							
Juice							
Water							
Mugs							
Paper Service							
Cups							
Plates							
Napkins							
Pitchers, large							
Pitchers, small							
Plates							
Bread and Butter							
Dinner							
Luncheon							
Platters							
Salt and Pepper Shakers							
Saucers							
Serving Tables							
Silverware							
Forks							
Knives							
Serving Spoons							
Soup Spoons							
Teaspoons							
Sugar Bowls							
Tables							
Trays, Serving							
Vegetable Dishes							

Health . Safety

and Sanitation

FIRE SAFETY • HEALTH GUIDE • SANITATION • INSECT CONTROL

Checklist for Fire Safety

A yearly fire safety check should be a **MUST** for every camp, and many areas should be checked three or four times during the summer. Each "No" to a question below indicates a serious fire hazard. Do something about these hazards—now! And alert your staff members to fire hazards in their own departments, cabins or the overall camp so that a fire-safe camp will be primary in the minds of all.

HOUSEKEEPING

1. Have you removed all flammable rubbish and leaves from around buildings and tents?
2. Are grass, brush and small trees cut or thinned out around camp buildings?
3. Is fire-fighting equipment within easy reach when trash, leaves, etc. are burned out-of-doors?
4. Do you keep your storerooms and garages free from rubbish, old rags, papers, etc?
5. Do you keep oil mops or paint rags in closed metal containers to guard against spontaneous ignition?
6. Are stoves always kept free of grease? Do you have baking soda or salt handy in case of grease fires?
7. Do you hang towels on special racks, never drying them on or near stoves?

8. Do you collect ashes in covered hole-free metal containers and dispose of them when properly cooled?
9. Do you keep matches in metal containers away from heat?
10. Do you use only safety matches in camp?
11. Do you have spark-screens over all chimneys?
12. Are all fireplaces equipped with effective firescreens?

FLAMMABLE LIQUIDS

13. Do you start fires with paper and/or kindling only, never with flammable liquids?
14. Are kerosene or gasoline lanterns hung up or put on tables or shelves and never on the floor?
15. Are supplies of fuel oil stored away from buildings, preferably in underground tanks?
16. Are oils (kerosene and gasoline) handled only in the daylight and where spillage cannot be ignited?
17. Are gasoline stoves and kerosene stoves and heaters of types listed by Underwriters' Laboratories, Inc?
18. Are your lamps sufficiently heavy-based to prevent tipping?

Protect Your Camp with Smith



INDIAN FIRE PUMPS

**ENDORSED BY PROFESSIONAL
FIRE FIGHTERS "Choice
for Quality the World Over."**

**Here's What Camp
Directors Say:**

"I wouldn't think of
opening camp without
our INDIAN FIRE
PUMPS."

*R. P. Tappenden,
Camp Adanac*

"We have 18 INDIAN
FIRE PUMPS strategi-
cally located. Wouldn't
be without them."

*Merrill J. Durdan,
Camp Conrad Weiser*



5 Gal. Back-pack IN-
DIAN FIRE PUMPS
are a "must" to
keep camps safe.

Don't take chances! Protect
property—guard lives with the
equipment used by forest rang-
ers and fire depts. Uses only
clear water. Brass pump hurls
powerful stream or nozzle ad-
justs to spray. INDIAN FIRE
PUMPS are a "One Man Fire
Department."



**SMITH
RITESIZE SPRAYER
2 GAL. COMPRESSED AIR**



Light weight. Extra long
hose. Adjustable nozzle.
Sprays roses, flowers,
crops, fruit trees, etc. Ex-
cellent for weed and
brush control.

INDIAN DRINKING WATER & SUPPLY TANK

No. 75G



Many uses in every camp.
Portable. 5 gal. capacity.
For hikes, canoe trips,
cook outs, etc. Carries
water, coffee, soft drinks.
Completely sanitary. Push
button faucet. Send for
circular.

**SMITH
Streamlined BLIZZARD Sprayer**

World's finest contin-
uous sprayer. Pump
barrel is heavy, seam-
less brass. Tank is sol-
id copper highly pol-
ished. Slow pumping
throws continuous
mist spray. Every camp
needs them.



**2 SIZES
PINT QUART
(39 OUNCES)**



**Send for circulars describing any of the items above
D. B. SMITH & CO. 417 Main St., Utica 2, N.Y.**

Checklist for Fire Safety

CONSTRUCTION

19. Are the roofs of your buildings non-combustible?
20. Are roofs, gutters, eaves of buildings free of needles and leaves?
21. Are all stovepipes, chimneys and hoods above kitchen stoves cleaned and repaired before camp opens?
22. Are floors directly under stoves and heaters protected by galvanized iron, concrete or brickwork?
23. Have you eliminated all stovepipes which pass through closets or store-rooms?
24. Are walls, rafters, ceilings and partitions protected from over-heating of stoves and pipes?

ELECTRICITY

25. Are electric irons and all electrical appliances used for cooking, equipped with metal stands and heat controls?
26. Do you use only those electric appliances, fuses, extension cords bearing the label of Underwriters' Laboratories?
27. Are all electric extension cords in the open—none under rugs, over hooks?
28. Do you allow only qualified electricians to install your wiring?
29. Do you use Standard fuses of proper capacity, never others?
30. Do you always use safety film for movies, never nitrocellulose film unless you have a standard projection booth?

SMOKING

31. Do you maintain restricted places for smoking—no matter WHO?
32. Does the camp insist that all cigarettes and cigar butts be carefully extinguished before they are disposed of?
33. Do you insist that matches be broken in two before throwing away?

FIRE FIGHTING

34. Do you have simple fire-fighting equipment, such as brooms, rakes, pails of water, pails of sand, shovels?
35. If you have a fire hose, canvas or rubber, do you test it before camp opens?
36. Is equipment kept in designated places and in good condition?
37. Do you have more than one exit from all rooms in main buildings?
38. Do you have a camp check before retiring to see if all fires and lights are out or suitably protected?
39. Do you have regular fire drills for all campers and staff?
40. Do you have a place where pumps can take water?
41. Do you have approved fire extinguishers in every main building? Are they kept in good working order? Do your personnel know how to use them?
42. Do you have fire escapes on buildings of more than one story?
43. Do you have an easily distinguished fire alarm?
44. Do you have a fire brigade?
45. Do you have ladders that will reach to the roof of your buildings?
46. Is there any organized fire protection in your community?
47. Do you know where or how to call for this protection service?

CAMP FIRES

48. Do you build outdoor fires only in safe places, on sand or other mineral soil, or on rocks and not near trees?
49. After putting out an outdoor fire do you stay until ashes are cool enough to test with your bare hands?

Source: Nat. Bd. of Fire Underwriters.

Fire Extinguisher Facts

TYPES OF FIRES

Class A—On fires in ordinary materials (paper, wood, cloth, excelsior, etc.) cooling is more effective than smothering.

Class B—On fires in burning liquids (oils, paints, varnishes, grease, etc.) the smothering method should be used.

Class C—On fires in live electrical equipment, such as a motor, switchboard, etc., water should not be used, as it may cause a shock to the operator and may damage the equipment.

TYPES OF EXTINGUISHERS

Type of Extinguisher	Extinguishing Effect	Use on Class A	Fires of Class B	Class C	How to operate	Length of Discharge	Recharge	Protection from freezing
PLAIN WATER:								
Pump tank	Cooling	Yes	No	No	Pump by hand	30—40 ft.	After use	Approved anti-freeze chemicals may be added to the water
Gas cartridge	Cooling	Yes	No	No	Turn over, bump on ground	30—40 ft.	After use	
WATER AND CHEMICALS:								
Soda-acid	Cooling	Yes	No	No	Turn over	30—40 ft.	Annually	Keep in heated cabinet if building is unheated.
Foam	Cooling smothering	Yes	Yes	No	Turn over	30—40 ft.	Annually	Never add anti-freeze chemicals.
Loaded stream	Cooling & "oxidation inhibiting"	Yes	Yes	No	Turn over, bump on ground	30—40 ft.	After use	None required to -40° F.
CHEMICAL:								
Vaporizing liquid	Smothering	Only Surface Fires	Yes	Yes	Pump by hand	20—30 ft.	After use	None required to -50° F.
Carbon dioxide	Smothering		Yes	Yes	Open valve at top	3—6 ft.	After use	None required
Dry Compound	Smothering		Yes	Yes	Open valve at top	8—12 ft.	After use	None required

Source: National Fire Protection Association

Health and Safety Practices

HEALTH

PRE-CAMP EXAMINATION

1. Scope and Time
 - a. Both campers and staff included.
 - b. One or two weeks prior to departure for camp.
2. Purpose
 - a. Determine camper's physical fitness for camp.
 - b. Protection for camper, family and camp.
3. Includes
 - a. Routine physical examination by M. D.
 - b. History of contagious diseases camper has had or been exposed to recently.
 - c. History of any disease such as rheumatic fever, nephritis, epilepsy and enuresis.
 - d. Specific information as to any medication camper routinely takes, or any desentization shots for hay fever, etc.
 - e. Specific information as to any foods or serums to which camper actually is allergic.
 - f. Immunizations
 - Tetanus, should be a must
 - Typhoid, very important
 - Small pox, diphtheria, also whooping cough.
- b. Privacy and quiet.
- c. Isolation unit for campers who have or are suspected of having communicable disease.
2. Medicine and Supplies
 - a. As deemed necessary by doctor.
 - b. First aid equipment and supplies available to all competent to use.
 - c. Other medication used only by camp nurse or doctor.
3. Transportation
 - a. Specific vehicle available at all times in camp for emergency use.
 - b. Location of nearest hospital and best route known by all staff personnel, and arrangements for emergency care made with hospital prior to camp opening.
4. Records
 - a. Application form should include signed authority by parents giving camp doctor permission to use his discretion in care of a camper during an emergency pending:
 1. Arrival of a physician designated by the parents.
 2. Removal of the camper to a hospital specified by the parents.
 - b. All medical and surgical treatments recorded and signed by the doctor or nurse. Records filed.

PERSONNEL

1. Physician
 - a. Live at camp or in close proximity.
 - b. Licensed in state in which camp is located.
 - c. Should have some pediatric training or experience.
2. Nurse
 - a. Essential if there is not a resident M. D.
 - b. Registered in state in which camp is located.
 - c. Experienced in school work and/or Public Health work.
3. Dietitian
 - a. Resident institutional dietitian or a consulting dietitian.

EQUIPMENT

1. Camp Infirmary
 - a. Tent, building or isolated room used exclusively for this purpose.

CAMP PROGRAM RELATED TO HEALTH OF CAMPERS

1. Physical
 - a. Avoid undue fatigue and overstrain.
 - b. Rest period of at least one hour following noon meal.
 - c. Competition involving muscular coordination between teams or individuals carefully graded on ability and not chronological age.
 - d. Tempo of camp program adjusted to entire group.
2. Mental
 - a. Each camper accepted by other campers in his group or team for feeling of security and happiness.
3. Personal Hygiene
 - a. Observe usual standards of bathing, brushing teeth, and washing hands prior to meals.

Health and Safety Practices

SAFETY

EQUIPMENT AND TOOLS

1. Supervision and instruction in use of all sports, craft, and other equipment and tools should be provided both during scheduled and free periods.

SWIMMING AND WATERFRONT ACTIVITIES

1. Supervised by person holding American Red Cross Instructor's Certificate a. Junior or Senior Life Saver for each 10 persons in swimming at any one time.
2. Boats or canoes of any sort used only on permission from counselor in charge. (Applies to all campers, staff and visitors.)
3. Standard Life Saving Equipment for all boats, docks and pools.

FIRE PROTECTION

1. At Camp
 - a. Water pressure system, hoses and connections inspected.
 - b. Extinguishers inspected.
 - c. Fireplaces and chimneys inspected.
 - d. Electric equipment and wiring inspected. Campers not allowed to make changes.

- e. Prior arrangements with nearest fire fighting unit for assistance in an emergency.

2. National Forests

- a. Observe all Forest Service rules for campfires, incinerators, etc.

HAZARDS

1. Buildings, equipment kept in repair.
2. Loose stones, logs, etc., removed from playground area and trails.
3. Open pits marked or filled.
4. Ground lighted at night along paths to toilets and dock area.
5. Campers and staff taught to recognize and avoid poisonous plants, animals and insects.

ACCIDENT REPORTS

1. Standard form adopted; data filled in by camp doctor or nurse, counselor in direct charge of the camper at time accident occurred and comment, if any, by camper involved.
2. Analyzed periodically to prevent similar accidents.

Source: Frank S. Wissmath, M.D., based on ACA Standards.

CHLORINATION *by W & T*

Stops this kind of shut-down

Chlorination of your camp water supply is not only "good health"—it's good business, too. Costly shut-downs by health authorities for typhoid, dysentery, and other water-borne disease just can't happen with Wallace & Tiernan Hypochlorinators on the job.

These rugged machines have many characteristics designed especially for camp operation. Here are some of their main features:

Easy operation—Switch on the power and the Hypochlorinator starts operating.

Compact—The Hypochlorinator and solution crock need only four square feet of floor space.

Approved—Chlorination is recognized and approved by health authorities across the country as a safe, sure means of sterilization.

Dependable—You can count on Wallace & Tiernan Hypochlorinators because they are the product of 36 years experience in all phases of water purification and are backed by a nationwide service organization.

See your nearest W & T Representative now to learn how your camp can obtain these and other advantages from chlorination.



WALLACE & TIERNAN INCORPORATED

CHLORINE AND CHEMICAL CONTROL EQUIPMENT
NEWARK 1, N. J. • REPRESENTED IN PRINCIPAL CITIES.

Desirable Sanitation Practices

WATER

1. Drinking Water.
 - a. Certified safe by local Public Health Department and tested regularly during camp season.
 - b. Sub-surface sources developed if possible.
 - c. Surface water requires proper treatment.
 - d. Drinking fountains and approved sanitary water system best, individual drinking cups o.k., common drinking cup strictly prohibited.

2. Swimming Water

- a. Samples submitted to local Public Health Dept. for bacteriological tests.
 - b. Beaches free of refuse and debris or contamination by garbage or sewage.

3. Auxiliary Water

- a. Unsafe at any place where it may enter the mouth:
Washing in the kitchen, shower heads or lavatory taps.
 - b. Use only for: Flush toilets, urinals, laundry machines, heating systems.
 - c. Dual water systems are not to be recommended.

FOOD

1. Storage

- a. Perishables.
Temperature not higher than 50° F. for milk, butter and vegetables. Temperature not higher than 34° F. for meat, etc. Artificial ice recommended if electric refrigeration not available.
 - b. Non-Perishables.
Protect against contamination by rodents and insects and keep dry. Free circulation of air.

2. Preparation

- a. Food handlers.
Certificate of examination attesting freedom from tuberculosis,

typhoid, syphilis and amoebic dysentery. Weekly inspection as to general health.

- b. Dishwashing procedures and care of equipment should comply with state, local and county sanitation laws. In the absence of such laws, effective methods should be used.

- c. Meat and Dairy Products.
Gov't inspected or from gov't inspected animals.

3. Serving—attractive and clean.

GARBAGE DISPOSAL

Water-tight covered containers, washed after each emptying. Entire container removed to place of disposal, emptied, cleaned and returned. Emptied every second day or oftener. Incinerated, buried in a pit or fed to pigs.

RUBBISH AND REFUSE DISPOSAL

Combustible wastes burned. Non-combustibles buried, tin cans flattened and glass containers broken, to prevent mosquito breeding.

TOILET FACILITIES

One or more, conveniently located to all parts of camp, constructed so that waste is not accessible to flies and does not pollute surface soil or contaminate water.

DOMESTIC ANIMALS

Not permanently quartered within 500 feet of any kitchen, dining hall or living quarters. Temporary corrals or picket lines not within 200 feet of above.

SLEEPING AND LIVING QUARTERS

Adequate windows, adjustable for ventilation, properly screened.

LAUNDRY

Adequate facilities at camp, or sent out.

Based on ACA Standards and material supplied by Frank S. Wissmath, M.D.

Recommended Facilities

Item	Number Required
Showers	1 to every 8 campers
Toilets	1 to every 10 campers, no farther than 150' from any living unit.
Infirmary beds	1 to every 16 campers
Water supply	50 gallons per day per person where flush toilets are used, 30 gallons per day per person where pit privies are used, plus a full day's supply in storage at all times.
Swimming pools	27 sq. ft. of surface per swimmer
Kitchen storage, etc.	$\frac{1}{3}$ to $\frac{1}{2}$ size of dining room
Size of campsite	1 acre per camper. (This area may vary considerably depending on location. Camps adjoining large public area, such as state or national forests, will not require as much acreage as those in agricultural areas or near cities. Possible growth of suburban communities and future expansion of camp should also be considered when determining size of campsite.)

WORRIED ABOUT WATER?

Proportioneers, Inc.—world's leading manufacturer of chemical feeders—is ready to help you with your water sterilization problems. Why worry about water pollution . . . why take chances with typhoid and other water borne diseases when you can come to Proportioneers for the hypochlorinator you need. We offer you four models to choose from: Du-Self, Chlor-O-Mite, Chlor-O-Feeder, Chem-O-Feeder. For detailed information write "Camp," Proportioneers, Inc., 441 Harris Ave., Providence 1, Rhode Island.



PROPORTIONEERS, INC.

DIVISION OF

B-I-F INDUSTRIES

PROVIDENCE, RHODE ISLAND



METERS
FEEDERS
CONTROLS

Insect and Pest Control

HOUSE FLIES

WHERE FOUND

Kitchens and
Dining rooms

METHODS OF CONTROL

1. Good sanitation to prevent breeding. This is most important because many insects have developed resistance to DDT, chlordane, lindane and other materials that previously provided good control.
2. Adult insects can be killed by fly spray (Grade AA recommended), aerosol bomb or fog aerosol.
3. Coarse, wet spray of 5% DDT solution where residual deposit is not objectionable, applied to kitchens, food-storage rooms, dishwashing rooms, pantries, dining rooms, rafters, hanging lights, ceilings, projecting room corners, shelves, inside and outside of cupboards, floor cabinets, underside and legs of all tables, workbenches, meat-blocks and sinks, around door trim and windows, screening and stands upon which disposal cans are kept.
4. Pyrenone or sulfoxide sprays are also recommended for use against houseflies. These materials will not harm human beings or pets and their use around food will not involve health hazards. Most pyrenone and sulfoxide concentrates contain 1% of pyrethrins and 10% of either piperonyl butoxide, or sulfoxide. When used with mechanical fog generators they should be diluted with 9 parts of water; with hand type sprayers, dilution is increased to 20 parts of water. Pyrenone aerosols are also available and are effective. When either pyrenone sprays or aerosols are used, doors and windows should be closed during and for one-half hour after each application.
5. Electric vaporizers that can be plugged in wall outlets in kitchens, dining rooms, etc., can be effective in eliminating flying and crawling insects. Fixtures should be mounted at least 3 feet below ceiling level for best results.

MOSQUITOES

Indoors
Outdoors

Same method and at same time as for houseflies.

1. Eliminate breeding grounds by draining swampy land or spray breeding grounds every ten days with DDT oil solution or dust with 1% DDT powder.
2. Apply 5% DDT petroleum base spray carefully to surfaces of buildings, rock walls and shelters where they may alight. From 1 to 2½% DDT wettable powder, dissolved in water can be sprayed on tree trunks, bushes and vegetation close to camp.

Fog applications utilize 5% DDT in solutions, emulsions or suspensions, at as low as 1/50th pound per acre.

COCKROACHES

Kitchens and
Dining rooms

Apply 5% DDT petroleum spray on undersides of sinks, shelves, along baseboards and walls.

10% DDT dust can be blown into harboring places with dust guns. Treat again if necessary.

PiC

GUARANTEES NO MORE Mosquitos...



**SIMPLY LIGHT IT and
MOSQUITOES DISAPPEAR
HARMLESS - FRAGRANT**

We guarantee your camp completely free of mosquitos and gnats. Awake or asleep—"PiC" mosquito repellent is instantly effective inside or out . . . no breeze will extinguish it . . . put it out when you want to. "PiC" is fragrant and harmless . . . no messy liquids or powders to apply on the skin, or to stain clothing and furniture. Keep it where you sleep, take it on picnics and fishing trips. Enjoy a summer free from mosquito bites and gnats!

"PiC" is extremely ECONOMICAL—One comfortable hour of performance costs you less than 1/16¢. Packed 10 coils to the box, "PiC" offers you—not 10—not 40—but 76 HOURS OF COMPLETE COMFORT. Try "PiC" and see for yourself. If you are not completely satisfied, return the unused portion within 10 days and your full purchase price will be cheerfully refunded.



Special discount
on camp orders.

Write for a box of
free samples today!

**A 10 COIL BOX
COMPLETE WITH
2 HOLDERS**

98¢

USE IT ANYWHERE • INDOORS OR OUTDOORS



PiC CORPORATION

837 Broad St., Newark, N. J.

Tel.: MITCHELL 2-0639

SILVERFISH

Bedrooms Same methods as for cockroaches.

STABLE FLIES

Decaying organic matter, wet straw 5% solution of DDT in oil at breeding site.
Pyrenone spray or aerosol for inside buildings.

BEDBUGS

Bedrooms 5% DDT petroleum spray applied to unused beds, mattresses, baseboards and similar places of harborage.

FLEAS

Indoors Dust with 10% DDT dust, especially sleeping quarters of pets. Sprinkle floor lightly and sweep powder back and forth to distribute into floor cracks.

ANTS

Kitchens and Dining rooms Treat the points of entrance from outside with 5% DDT spray.

SANDFLIES, GNATS, BLACKFLIES

Indoors Spray screening with a 5% DDT solution in heavy petroleum base.
Outdoors Same treatment as for mosquitoes.

America's Most Successful Camp Operators **DESTROY INSECT PESTS**

Modern camps depend on
TIFA . . . first choice for peak
performance against insect pests,
lowest in cost. TIFA fog
quickly covers large areas,
permeates smallest crevices,
destroys flies, mosquitoes, gnats
and other pests on contact.

*Get the facts . . . keep your camp
insect-free all season!*

AT LOWEST - COST WITH



TODD INSECTICIDAL FOG APPLICATOR

For over 12 Years Best by Test
in Community Fly and
Mosquito Programs.

Carrying Underwriters' Listing Seal

Write for Circular and list of Dealers

PRODUCTS DIVISION

TODD SHIPYARDS CORPORATION

Headquarters: Columbia and Halleck Streets, Brooklyn 31, N. Y.

Plant: Green's Bayou, Houston 15, Texas

Camp Infirmary Needs

Item	Size or Type	Quantity (for 20 Campers)
Adhesive Compresses	1 inch	1 large package
Gauze Pads	4 x 4 inches	1 package
Triangular Muslin Bandage	40 inch	8 or more
Absorbent Gauze Compresses	½ yard	Several packets
Tourniquet		2
Adhesive Tape	2 inch	1 roll
Antiseptic		1 ounce
Boric Acid	powder or crystal	1 ounce
Aspirin		1 bottle
Aromatic Spirits of Ammonia		1 ounce
Burn Ointment	1 ounce tubes	Several
Laxative		1 package or bottle
Rubbing Alcohol		1 bottle
Baking Soda		1 package
Poison Ivy Remedy		1 large bottle, tube or jar
Absorbent Cotton		½ pound
Applicators		1 box
Tongue Depressors		5 dozen
Fracture Splints	Arm, leg, thigh	2 sets of each
Stretcher Poles		2 pairs
First Aid Kits	Small	1 for each trip

Tweezers, Clinical Thermometers, Paper Drinking Cups, Bar of Soap, Flashlight, Paper Towels, Paper Handkerchiefs, Hot Water Bottle or Heating Pad, Metal Basins, Linens, Blankets, Refrigerator, Hot Plate, China, Glassware, Silver, Auxiliary Electric Heater, Quiet Games, Books.

Medicines and drugs, of course, will be those specified by camp physician.

Write IVY CORPORATION,
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Camp

Program

CRAFTS • WATERFRONT • SPORTS • TRIPS • MOVIES

Basic Craft Principles

In the administration of a camp crafts program many factors need consideration. The principles set forth in this article are based on a survey of 128 camps, located in 17 Eastern states. Of the total, 65 were agency camps and 63 private camps. Individual items are likely to be of varying degrees of importance as between one camp and another, but those appearing nearest the top of the list are the principles on which the camps surveyed were most nearly in unanimous agreement.

PRINCIPLES RATED ESSENTIAL

1. Safety procedures should be stressed for each craft project.
2. The head crafts counselor should be specially trained in crafts.
3. Senior campers (ages 14 and up) should be permitted to select their own projects.

PRINCIPLES RATED DESIRABLE

4. Intermediate campers (ages 10 through 13) should be permitted to select their own projects.
5. Native crafts materials should be used in the crafts program.
6. Craft facilities should be available to campers during "free periods."
7. Crafts periods should be scheduled by camper age groups.

8. The head crafts counselor should be of the same sex as that of the campers.

9. Junior campers (ages 6 through 9) should be permitted to select their own projects.

10. Crafts materials for the entire season should be purchased before camp opens.

11. Power tools should be provided for use of senior campers.

PRINCIPLES RATED USEFUL

12. Campers should be permitted to attend crafts only with their own age group.

13. Power tools should be provided for use of crafts counselors.

14. Awards should be given for satisfactory work in crafts.

15. Use of commercial craft kits has a place in camp.

16. Camps should provide a reasonable amount of craft materials to campers at no direct cost.

17. Power tools should be provided for use of intermediate campers.

PRINCIPLES RATED UNNECESSARY

18. Power tools should be provided for use of junior campers.

Source: Eugene F. Garbee, abstracted from a doctoral dissertation.

Craft Projects for Camp

A graded and classified list of craft projects and materials required for the shop, prepared by Marion Trowbridge.

Types of Project and Age Groups	Items Which Can Be Made	Materials, Tools and Equipment Needed
Basketry 9-15 and over	Baskets, trays, hot mats, waste baskets, holders for tumblers, sandals	Plant fibers — round, flat or flexible — purchased or gathered at campsite — vines, willow, reeds, grasses, fibers, ash, corn husk Tub for soaking fibers, heavy scissors, awl, pliers, tape measure, sharp knife, tapestry needles
Batik 12-15 and over	Scarfs, handkerchiefs, wall hangings, place mats, cur- tains	Wax ($1\frac{1}{2}$ paraffin, $\frac{1}{2}$ bees- wax), dye, gasoline Frames for stretching cloth, heat for keeping wax hot, brushes, tjantings
Blockprinting Linoleum 12-15 and over	Stationery, book-plates, wall hangings, handkerchiefs, place mats, greeting cards, labels, stickers, luncheon sets, napkins	Battleship linoleum, printers' inks Linoleum tools, (V-shaped veiners, U-shaped gouges), brayer, glass, pallet knife
Potato print 6-11	Stationery, scarfs, handker- chiefs	Raw potatoes, tempera paint Knife or razor blade
Carving, Soap 9-15 and over	Figures, animals, (round or relief)	Large bar soap Knife
Carving, Plaster 12-15 and over	Figures, animals, plaques	Plaster of Paris, cardboard box (size of desired ob- ject) Bowl to mix plaster, stick or spoon, knife
Carving, Wood 12-15 and over	Totem poles, figures, ani- mals, plaques, tiles	Soft pine or basswood Saw, gouges (set of wood tools), rasp knife
Carving, Chip 12-15 and over	Boxes, trays, plates, clogs, book-ends, picture frames, tiles	Soft pine or basswood (or battleship linoleum) stain, raw umber, oil paint and turpentine, varnish or shel- lac, wax Razor blade, brush, rags



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Craft Projects

**Types of Project
and Age Groups Items Which Can Be Made**

Clay (unfired) 6-15 and over Figures, animals, bowls, masks

Clay (fired) 12-15 and over Figures, animals, bowls, boxes, dishes, tiles

Cork 6-15 Scrapbooks, tiles, belt squares, place mats and coasters; decorate (apply to) wooden trays, book ends, boxes, waste baskets, desk sets

Felt 9-14 Fireplace mittens, purses, moccasins, hair bands, flowers, beanies, pennants, belts; applique on wood, cork or cloth; eye glass cases, animals, dolls

Gesso 12-15 and over Apply on wooden surfaces: boxes, book-ends, picture frames, bowls, scrapbooks plaques, desk sets, trays

Glass etching 12-15 and over Tumblers, ash trays, paper weights, dishes, desk identifications, tiles

**Materials, Tools and
Equipment Needed**

Moist or dry clay (preferably self-hardening or add dextrin) oilcloth squares (18"), rags, tempera paint, shellac, enamel

Plaster bats, clay tools (or meat skewers, orange sticks, etc.) brushes, clay container (metal garbage can or heavy earthen crock with cover) wire, rolling pin

Pottery clay, glazes, oilcloth, rags

See unfired clay, plus kiln, potters' wheel

$\frac{1}{8}$ ", $\frac{1}{4}$ ", $\frac{1}{2}$ ", cork, water color paints, shellac, glue
Scissors, brushes

Various color felt, yarn, thread, beads
Pinking shears, needles

Gesso (prepared or home-made) enamel or oil paint, varnish, wax paper
Brushes

Etching compound, masking tape, black asphaltum, rags

Razor blade, brushes, tooth picks, cotton

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Craft Projects

Types of Project and Age Groups	Items Which Can Be Made	Materials, Tools and Equipment Needed
Horn 12-15 and over	Beads, buttons, rings, ear rings	Deer horns, cow horns, elk horns, leather thonging Saw, drill, knife
Knotting Gimp (or braiding) 6-14	Lanyards, bracelets, belts	Colored gimp (flat and round,) fastenings
Yarn, strings and raffia, etc. 11-15 and over	Belts, bookmarks, napkin rings, bracelets, purses, mesh scarfs	Yarn, colored twine, strings, raffia, thread
Leather 9-15 and over	Bill folds, key cases, moccasins, belts, purses, archery wrist guards, arrow cases, eye glass cases, book covers, book marks, desk sets, portfolios	Tooling calf, sheepskins and some cowhides, lacing (leather thonging or gimp) fastenings, battleship linoleum (to make own die for modeling) Leather punch, leather wheel marker, vise, modeling tools (pointed & flat), sponge, marble slab, metal stamps, cutting knife, fastening equipment, mallet
Metal (16-20 gauge) Chasing Etching Piercing Repousee Hammering 6-15 and over	Bracelets, book ends, desk sets, trays, boxes, candlesticks, letter openers, bowls, tea tiles, cigarette cases, napkin rings or clips, buttons, brooches, buckles	Glass or crockery dishes for acids, mallet, wooden molds, bracelet bender, files, coping saw for metal, brace and bit, ball peen hammer, anvil block or block of steel, lead block for repousee, dapping tools, drill, chasing tools, metal shears Pewter, copper, brass, german silver, aluminum, etching acids (hydrochloric for aluminum, nitric for other metals), oil and pumice, steel wool, black asphaltum
Metal Foil 6-15 and over	Apply to wood or heavy cardboard as trays, boxes, match holders, desk sets, picture frames, plaques, book ends, scrap books, three-dimensional use as favors, ornaments, table decorations	Metal foils (aluminum, copper, brass), liquid solder, nails Hammer, nutpick, meat skewers, orange sticks, teaspoons

Craft Projects

Types of Project and Age Groups

Items Which Can Be Made

Materials, Tools and Equipment Needed

Painting and
Sketching
6-15 and over

Sketches of
Scenery and landscapes
Still life
People and animals

Water, oil, and finger
paints
Pastels, Crayons
Sketching paper
Brushes
Rags

Painting
9-15
and over

Boxes, clogs, trays, plates,
book ends, bracelets, but-
tons, scrap books, picture
frames, tiles, bowls

Tempera paint, shellac,
enamel
Brushes
Serpentine (paper stream-
ers), shellac

Paper

6-8

Pottery, pin trays, nut cups,
candlesticks, coasters, nap-
kin holders, tiles

Paper sacks, crayons, temp-
era paint (feathers, yarn,
etc.)

6-8

Masks

Paper

6-11

Beads: from magazine ads,
cut long, thin triangles,
roll and shellac

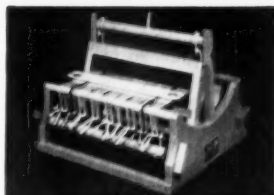
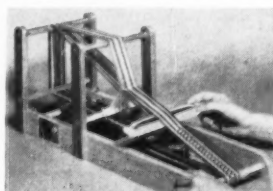
Colored magazine ads or
colored paper, string,
shellac. Hat pins

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Craft Projects

Types of Project and Age Groups		Items Which Can Be Made	Materials, Tools and Equipment Needed
Paper	9-14	Relief cardboard — cut designs from cardboard and apply to objects — boxes, trays, etc.	Cardboard, tempera paint, shellac Razor blades, scissors
	6-14	Marbelized paper and starch paper—book jackets, portfolios, box coverings and linings	Oil paint, turpentine, starch, tempera paint, construction paper. Shallow dish
	12-14	Paper-paste modeling, boxes, tiles, plaques	Construction paper, plenty of paste. Meat skewers, nail heads, etc.
Papier-mache pulp or strips 6-15 and over		Fruit, vegetables, bowls, animals, figures, puppets, masks	Newspapers, starch, wire, tempera paint, shellac, string, masking tape Old plates or pie tins
Plastics 12-15 and over		Pins, buttons, bracelets, pin trays, candle sticks, pendants, paper knives, napkin rings, boxes, picture frames, cigarette cases, scalloped dishes	Plexiglass or Lucite sheets, 1/8" - 3/16", sandpaper, Simonize, soap (for saw blade), plastic solvent Soft clean working area, cotton gloves, scribe or awl, coping saw, files, drill, vise, pliers, 250° oven heat
Rustic Crafts	9-14	Doorstops, candle holders	Birch logs, lead shot
	9-11	Figures, animals, letter openers	Saw, brace and bit Tree roots, knotted branches
	6-8	Flower pots and canisters	Knife, saw
	9-14	Totem poles	Tin cans. Tin shears Soft wood, branch of tree, paint. Knife, saw
Stencil (spatter) 9-15 and over		Stationery, cards, programs, pictures, posters, scrapbooks, wall panels, handkerchiefs, scarfs, luncheon sets, curtains, bibs, aprons	Stencil paper, water color (on paper) textile paint on cloth, blotter, pad Razor or stencil knife, stencil brushes, glass surface, spatter gun, tooth brush, wire screen
Weaving Looms & over Frames Cardweaving Finger weaving	9-15	Woolen yarns, carpet warp, cords and twines, cotton yarn, raffia, jute, linen, beads, cardboard, small stick (pencil) Looms, frames, shuttles, tapestry needles	Scarfs, purses, belts, napkins, place mats, pillow tops, pot holders, hot pads, book marks, rugs

Arts and Crafts Tools and Supplies Inventory

Items	Quantity Needed	On Hand	Condition	Addl. Needed	Source	Date Ord.	Date Rec.
Alcohol							
Aluminum Foil							
Awl							
Beveler							
Blades							
Brace and Auger Bits							
Brushes							
Bufs							
Calipers							
Carbon Paper							
Carving Tools							
Center Punch							
Charcoal							
Chasing Tools							
Chisels							
Clamps							
Clay							
Compasses							
Crayons							
Cutting Board							
Drills							
Erasers							
Felt							
Files							
Gauge							
Glue							
Gouge							
Hammers							
Jewelry Findings							
Kiln							
Knives							
Leather							
Mallet							
Metal							
Modeling Tools							

Arts and Crafts Tools and Supplies Inventory

Items	Quantity Needed	On Hand	Condition	Addl. Needed	Source	Date Ord.	Date Rec.
Molds							
Nails							
Needles							
Oil Stone							
Paint							
Paper							
Paste							
Pencils							
Pin Vise							
Pins							
Plane							
Plaster of Paris							
Pliers							
Punches							
Raffia							
Razor Blades							
Rolling Pin							
Rulers							
Sandpaper							
Saws							
Scissors							
Scraper							
Screw Drivers							
Shears							
Shellac							
Square							
Stamps							
Steel Wool							
Stippler							
Straight Edge							
Thread							
Thumb Tacks							
Tracing Paper							
Transfers							
Turpentine							

Photography Projects for Camp

Basic essentials for a camp photography program are only two:

1. Simple, sturdy cameras (campers' own or supplied by camp.)
2. Film.

With nothing more than these, camps can carry on a fine picture *taking* program and help campers increase their keenness of observation and ability to make worth-while story-telling photographs. For example, there are almost limitless opportunities in:

1. Nature subjects, including plants, animals, and time exposures of stars and moon, etc.
2. Pictorial progress reports on camp projects, showing their stages from start to finish.
3. Pictorial reports on individual campers' skills in many camp activities; these when carefully studied by camp-

er and counselor can considerably aid technique improvement.

4. Memento pictures of outstanding camp activities, buildings, campers, staff, etc.

Addition of two relatively inexpensive camera attachments will greatly increase picture-taking scope. These are:

1. A flash attachment, which enables picture taking indoors, at night, and in poorly lit areas during the day.
2. Supplementary lens attachment for taking pictures at closer than the 5 to 6 foot limit of most inexpensive cameras.

After campers have learned how to take worthwhile photographs, their interest can be maintained by introducing them to photo development and printing. For these activities a simple darkroom will be desirable. Equipment required for a small darkroom is as follows:

FILM DEVELOPMENT

Minimum Equipment

Darkroom lamps
Three Enameled trays
Timer
Tray thermometer
Graduate
Six junior film clips
Glass stirring rod

Overhead wire with spring-clip clothespins for drying films
Wastebasket

Other Useful Equipment

Day-loading tank for 33mm magazine
Three hard rubber tanks 4 x 5-inch with eight sheet film developing hangers
Darkroom ventilator
Photo chamois

CONTACT PRINTING

Minimum Equipment

Auto-mask printing frame
Enameled tray, 16 x 20 or 20 x 24 inches

Other Useful Equipment

Printing box

Automatic tray siphon
Senior trimmer
Ferrotypes plates
Print roller or squeegee
Photo blotter roll

A new method of contact printing, made possible by Kodak Velite Paper, may be of interest to camps. This paper allows prints to be made under regular lighting or daylight. Velite comes in one grade suitable for average negatives.

ENLARGING

Minimum Equipment

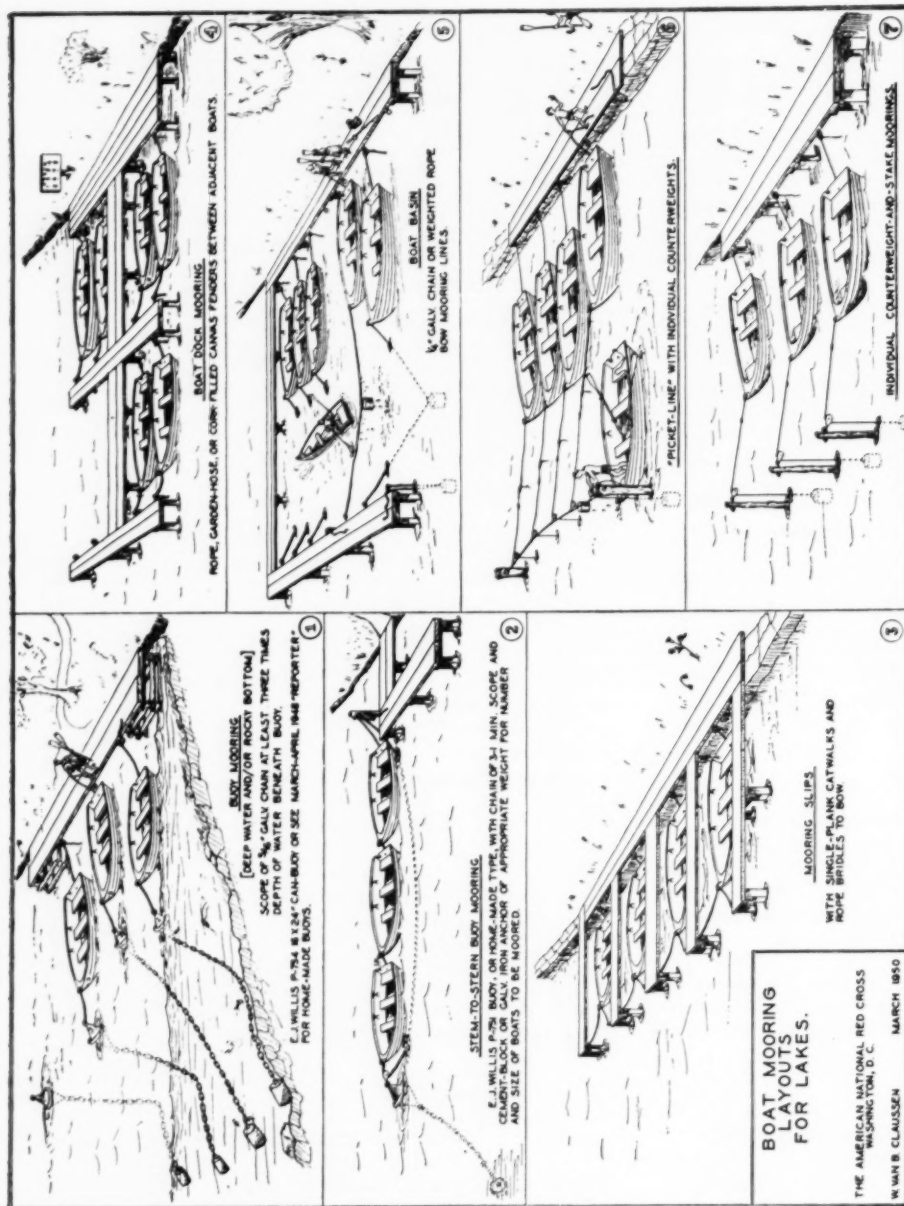
Portable miniature enlarger or precision enlarger
Three enameled trays

Other Useful Equipment

Masking paper board
8 x 10 enlarging easel
Print paddle

Boat Mooring Methods

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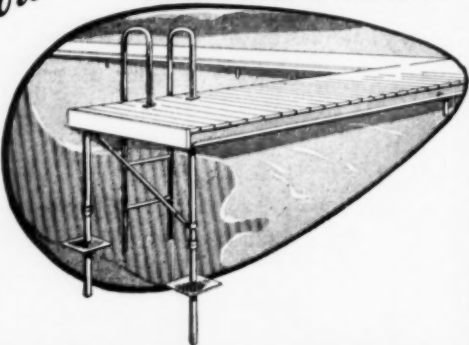


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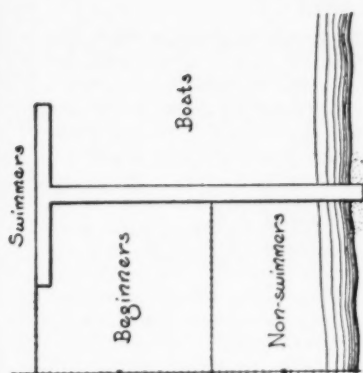
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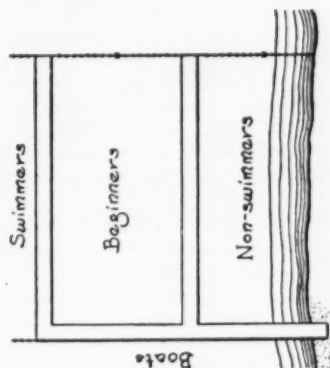
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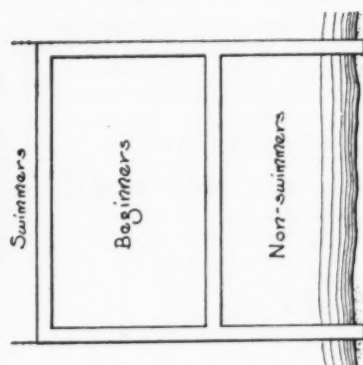
Dock Layouts




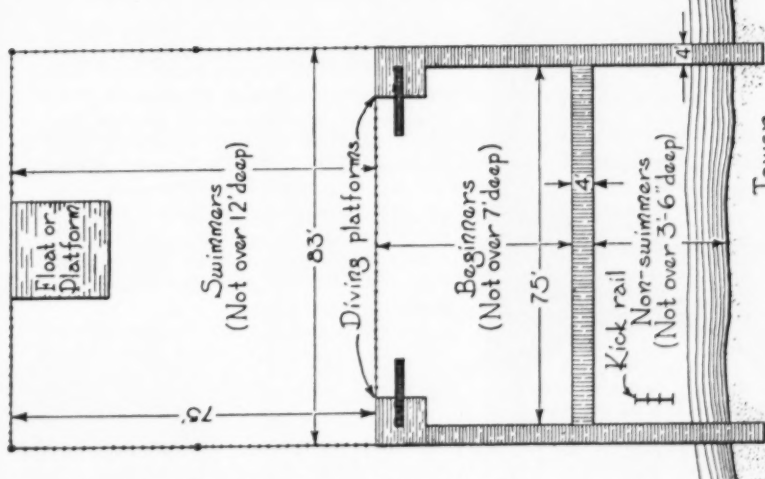
 **T-TYPE DOCK**




 **F-TYPE DOCK**



 **A-TYPE DOCK**



 **H-TYPE DOCK with adjacent BOAT AREA**

From *Camp Site Development* by Julian Salomon,
published by Girl Scouts of the U.S.A.

Diving Board Maintenance

BY NORMAN R. MILLER

Proper installation and maintenance of your diving boards will insure better performance and maximum service. This also means safety and financial savings in the operation of your waterfront.

Here are some tips on how to care for your boards:

Install your boards properly. First, make sure that all parts of your diving stand are properly aligned and that your fulcrum is aligned and perfectly level with the floor. Second, locate your fulcrum correctly: For a 12-foot board, a distance of 6 feet from the anchored

end of the board is recommended; for a 14-foot board, 6 to 7 feet; and, for a 16-foot board, 8 feet. Finally, make sure that the base of your board and fulcrum are aligned and perfectly level; then, bolt the base of your board securely to the stand.

Either a standard bar-type or a rocker-type fulcrum will assure good diving board performance, providing the fulcrums are properly designed and covered with a heavy thickness of live, resilient rubber to absorb the shock of the board when in use.

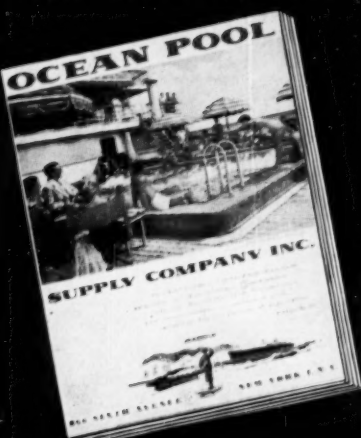
Do not secure the board at the fulcrum. Diving boards are designed to rest free at the fulcrum point. They must not be bolted or strapped down at the fulcrum. Fastening boards at the fulcrum will destroy much of the "spring" and will cause excessive breakage.

Insist that your boards will be used wisely. Allow only one diver on your boards at one time. Further, insist that needless bouncing, jumping and springing on the boards be stopped. Remember that only three steps and one jump are required by the experts in championship running dives.

Alternate your diving boards regularly. After one board has been in service for four or five weeks, take it down, remove the matting and place the board right side up in a normal 70 degree temperature room, resting levelly on "two by fours" placed under each batten. Scrub the board clean with soap and water, then permit it to rest and air-dry for ten days or so. Then, paint your board with boiled linseed oil and rub dry before placing the matting back on the board; or, if your board is finished in spar varnish or white enamel, simply apply one coat of the original finish and let dry before replacing the matting.

Increased safety may be assured by covering boards with extra heavy duty cocoa matting, which is a specially woven imported fabric, tested and selected for maximum durability. It is approved, regulation covering for diving boards and springboards, and may also be used as runners, wherever wet surfaces present a slipping hazard.

everything for your
waterfront
from one resource!



Since 1883 OCEAN POOL has
been first choice for all
waterfront supplies.

Send today, on camp
stationery, for big, colorful
FREE CATALOG No. AA

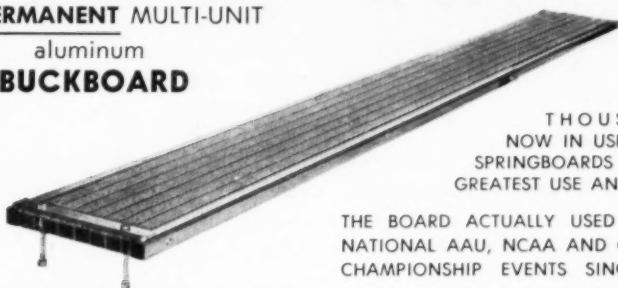
OCEAN POOL SUPPLY CO.

155 W. 23rd St., New York 11, N. Y.

THE ONLY SENSIBLE ANSWER TO THE SPRINGBOARD PROBLEM

The **PERMANENT** MULTI-UNIT

aluminum
BUCKBOARD



THOUSANDS
NOW IN USE WHERE
SPRINGBOARDS GET THE
GREATEST USE AND ABUSE

THE BOARD ACTUALLY USED AT ALL
NATIONAL AAU, NCAA AND OLYMPIC
CHAMPIONSHIP EVENTS SINCE 1951

- THE ONLY SPRINGBOARD EVER DESIGNED TO PERMIT PRACTICAL REPAIRS. NEVER NECESSARY TO DISCARD.
- UNAPPROACHED IN BOTH PERFORMANCE AND ECONOMY.
- THE ONLY ALUMINUM BOARD WITH SUFFICIENT FLEXIBILITY WHEN INSTALLED ON A STAND WITH A NORMAL FULCRUM DISTANCE.
- PERFECTED DURING TEN YEARS EXPERIENCE EXCLUSIVELY IN THE ALUMINUM SPRINGBOARD BUSINESS.

NORMAN BUCK MANUFACTURING CO.

2332 EASTLAKE

SEATTLE 2, WASHINGTON

PARKO ALGAECIDE

(AQUATIC WEED KILLER)

THE EFFECTIVE SCIENTIFIC METHOD TO CLEAR

LAKES-POOLS-PONDS-STREAMS

OF WATER WEEDS, ALGAE, WATER SCUM and INSECT LARVAE

A clean, attractive water front, free of flies, mosquitoes and scummy odors, is a definite necessity. PARKO ALGAECIDE restores that sanitary look and that fresh water smell! Takes effect within two days and has residual effect from 3 to 10 years. Kills both submerged and emergent weeds and scum. It's economical and easy to use . . . released below the water surface, it spreads and settles by itself.



WRITE **Camp Maintenance Department** for free detailed information on your personal aquatic weed problems in handy pamphlet form. More facts about Parke-Hill's **complete** line of chemicals designed for cleaner, healthier camping.

PARKE-HILL CHEMICAL CORPORATION

29 BERTEL AVENUE

MOUNT VERNON, N. Y.

MOunt Vernon 8-7220

Waterfront Equipment

Every well-organized camp aquatic program must have a comprehensive equipment inventory. All equipment should be on hand at the opening of the camp. The following list includes the normal requirements of an average camp. All items listed have been found helpful in operating well-organized camp aquatic programs.

SWIMMING EQUIPMENT

Megaphones and whistles
Stop watches
Revolver and blank cartridges
Water polo balls
Check board and bulletin board
Hooks, checks, and oilcloth cover for check board
Specimen copies of certificates, emblems and pins which campers can earn by

swimming progress (displayed on bulletin board)
Practice teaching and kicking rail, in each swimming area.
Kick boards
Turn boards in each swimming area
Life lines with appropriate floats (to mark swimming areas)

WATER SAFETY EQUIPMENT

Ring buoys (equipped with 60 ft. of $\frac{1}{4}$ inch rope)
Bamboo poles and shepherd's crooks (10 to 15 ft. long)
Can buoys
Heaving lines (60 ft. long, $\frac{1}{8}$ to $\frac{1}{4}$ in. rope, one end fastened into "monkey fist" knot)

(Continued on page 84)

Sterling Mark of Quality
in Aluminum Watercraft





Grumman
ALUMINUM
WATERCRAFT
FIRST CHOICE OF CAMPERS!
All Fun—No Work
on the Camp Waterfront
with GRUMMAN

Canoes—12 Models, 13-ft. to 20-ft.
Boats—10 Models, 8½-ft. to 15½-ft.

Check these important quality features:

- Maintenance costs nil
- Safe—difficult to upset or sink
- Long lasting—always ready for service
- Lightweight for easy portaging
- Finest quality aircraft design and construction



GRUMMAN Runabouts are especially appropriate for water skiing—now a regular camp activity.

Official Boy Scout and Girl Scout Canoe Models
GRUMMAN BOATS, Inc.
6037 South St., Marathon, N. Y.



GRUMMAN Junior Runabout

Write for **FREE** new Catalog of Boats and Canoes—24 pages colorfully illustrated.

See GRUMMAN Exhibit — AMERICAN CAMPING ASSOCIATION, Region II
Pittsburgh, Pa., March 21-23

FOR YOUR BOATING REQUIREMENTS

SEE BEETLE

BB 12' 6" TECH DINGHY—SEATS 4

USED BY LEADING COLLEGES AND CAMPS FROM
COAST TO COAST



COMPARE these ideal camp boat features—available for immediate delivery in all BB Fiberglass models

EXTRA SAFETY—Designed for utmost stability—built-in flotation tanks make boats unsinkable.

TREMENDOUS STRENGTH—

Molded by the famous BB process, "everlasting Beetlelite" is tremendously strong.

NO MAINTENANCE—This lifetime material is impervious to rot, rust, electrolysis, worms, fresh or salt water, intense sunlight or cold—can be stored outdoors year 'round without damage.

Never needs scraping, caulking, puttying, sanding, refastening or painting as a preservative.

100% LEAKPROOF—BB Boats absorb no water, need no swelling, are always ready for immediate use.

Requiring no repair or maintenance, the first cost is practically the last.



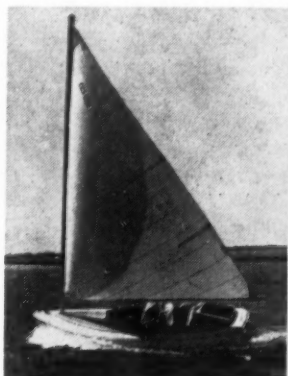
Camp Proven from Coast to Coast

—Ask for details about special Camp discounts
Send for New Free 1957 Catalogue of complete BB line

World's Largest Molders of
One-Piece Fiberglass Boats

BEETLE BOAT CO. Inc.

New Bedford 33, Mass.

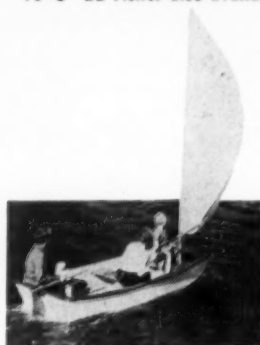


BB Swan 12' 8"—Seats 4 adults



BB 8' 3" Duck—Seats 4

10' 3" BB Fisher also available



3 in 1 all-purpose boat
10' 3" BB Gull—8' 3" BB Sailer
also available

Waterfront Equipment

Life boats, each equipped with
Anchor and line
Extra oars and oarlocks
Painter
Bailer
Ring buoy and line
10 ft. light bamboo pole
Lifeline, looped along gunwales
First aid kit, kept watertight
Lantern, for use after sunset
Light surfboards
Grappling irons
Water scope
Emergency first-aid room, equipped with
a good first-aid kit
Lookout tower and seat
Swimming and water safety poster for
bulletin board
Bell, gong or horn for alarm or signals

DIVING EQUIPMENT

Diving boards (1 and 3 meter)
Cocoa matting

BOATING EQUIPMENT

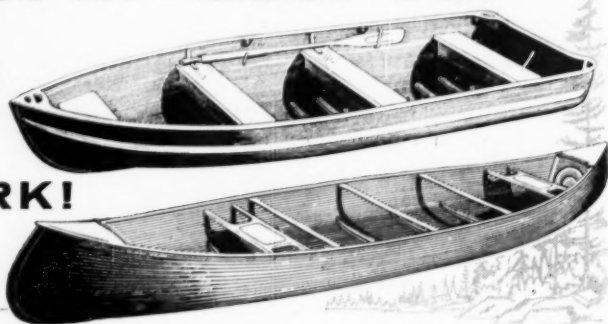
Boats of satisfactory type and number to
meet the camp's needs
Oar racks
Anchor and line
Extra oars and oarlocks
Painter
Bailer
Lantern
Scrub brush (for regular cleaning of
boats)

CANOEING EQUIPMENT

(in addition to the canoes themselves)
Good paddles, in sufficient number
Kneeling cushions
Canoe racks
Canoe paddle racks
Mosquito netting (when canoes are used
for sleeping, on trips)
Sailing equipment (canoe sailing is dif-
ficult, but a fine art)

First in—Last out

AND
NO
WORK!



● Aluma Craft completely solves all your canoe and boat problems. Ready to put in the water the day you open camp. No scraping, caulking, painting or repairing. Never soak up water and grow heavy. Never shrink or leak. Dry, always ready.

Perfect for camp or wilderness. Fast, easily handled... always steady. Genuine Erich Swenson designs assure top performance and great stability. Write for catalog showing new models.

ALUMACraft

ALUMA CRAFT BOAT COMPANY

2641 27th Avenue South • Minneapolis, Minnesota

Pool Maintenance

Basically, all pools fall into two groups—filtered pools and unfiltered pools.

Filtered Pools

There are three basic types of filters—gravity, pressure sand and gravel and pressure diatomite. All three improve water clarity and purity by drawing water from the pool, passing it through a filter bed and returning the filtered water to the pool. As water passes through the filter bed, impurities and suspended foreign matter are removed.

The three fundamentals for proper care of a filtered pool are filtration, cleaning and chemical treatment.

Filtration

How long should the filter be run? The number of hours that your filter takes to clear your pool, to that extent determines the normal length of the daily filter running time. This can be determined only by experience, for the proper length of the filter run varies with climatic conditions and the number of persons using the pool. But once you have determined the proper filter run for your pool, you will find that running the filter approximately the same number of hours every day will be a routine procedure.

Don't stop filtration on days when the pool is not in use. Over-filter rather than under-filter.

When to Backwash

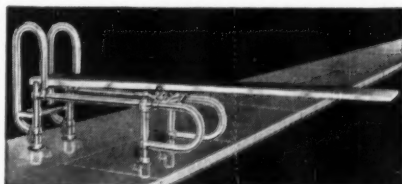
Cleaning the filter is called "backwashing" (forcing the pool water rapidly through the filter bed in the direction opposite to that of normal filtering.) This should be done whenever the dirt removed from the water accumulates in the filter sufficiently to interfere with the proper flow, or to make pump operation uneconomical. The safest practice is to take frequent gauge readings.

Flocculation

To improve the efficiency of a sand

For **SUPERIOR**
design, construction
and performance

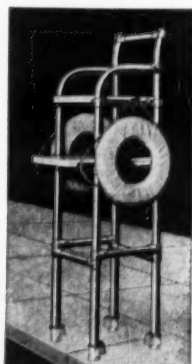
American Approved POOL EQUIPMENT



American Approved DB-1 Extra Heavy Duty
Official Regulation One Meter Diving Unit



American Approved
Steel Pool Ladder



American Heavy Duty
Life Guard Chair

Write for Literature





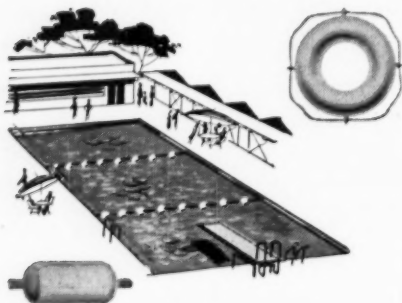
DEFINE

DANGER AREAS

with colorful

Flex-Floats^(R)

Well marked beaches are **SAFE** beaches! **PROTECT** your beach and swimming areas by defining shallow water boundaries, outer swimming limits with colorful **FLEX-FLOATS**. **FLEX-FLOATS** are extremely buoyant, will not mildew, rot or become waterlogged.



FLEX-FLOATS make colorful racing lane markers. **FLEX-FLOATS** are quickly and easily strung, remain in fixed positions.

Flexible **PRODUCTS CO.**

312 Dobbs Street Marietta, Ga.

Pool Maintenance

filter, a "floc" or soft gelatinous mass is formed over the top of the filter bed. The floc screens the fine particles of matter that would otherwise pass through the filter sand. It is formed by feeding alum into the filter system by means of an alum feed pot, a chemical feeder or even through the strainer.

Backwashing flushes away the alum floc together with the accumulated foreign matter and when filtration is started again a new alum floc should be formed.

Cleaning the Strainer

To remove debris that might otherwise damage the filter pump, water from the pool first passes through a strainer. Each time the filter is backwashed and each time the pool is vacuumed, the strainer basket should be emptied. Filter sand need not be changed for 15 or 20 years or longer. However, it is good practice to remove the man-hole and inspect the filter bed at least once every five to seven years.

Pool Cleaning

A pool vacuum cleaner sucks up dirt (along with water) and enables you to clean the pool bottom without emptying the pool.

In small pools, a floor brush can be used to sweep sediment to the main drain. Water flowing from the pool to the filter through the drain, draws the sediment into the filter.

Chemical Treatment

The third fundamental of pool care is proper chemical treatment. This consists of three basic procedures: chlorination, algae control and maintenance of proper alkalinity.

Chlorine is one of the most economical and widely used agents for purifying pool water and fortifying anti-algae treatment. One form, liquefied gas, is efficiently used only in the largest pools, but chlorine granules (calcium hypochlorite) and liquid chlorine (sodium hypochlorite) are widely used in the average size pool.

Standard procedure calls for the application of sufficient chlorine to maintain a free residual of 0.3 to 0.6 parts

LONGER LASTING BEAUTY AT LOWER COST



Heman Park Municipal Swimming Pool, University City, Mo.

Steelcote

DAMP-TEX No. 2

SWIMMING POOL PAINT

A rubber base paint, specially formulated to resist water, chemicals, salt solutions, intense sunlight, marine growth and repeated washing. More than 28 years research and experience in making rubber base paints and enamels have gone into the development of this superior formula.

Dries to a tight, smooth, tile-like finish which provides no "food" or "foothold" for algae as do ordinary oil and cement type paints which actually encourage marine growth.

Available in 5 soft, satiny colors: Marine Blue, Pool Green, Red, Black and White. Coverage: about 250 sq. ft., two coats, depending on surface condition.

NOW — PAINT NEW CONCRETE SWIMMING POOLS AT ONCE WITH EPO-LUX No. 100

- No wait for concrete to cure
- No special primers
- No expensive preparation
- Helps make the concrete stronger

New, revolutionary EPO-LUX No. 100 outperforms all previous paints. It is unaffected by water, ultra-violet rays, alkali and chloride. Exceptionally resistant to chemical solutions and salts. Its smooth tile-like finish gives superior adhesion and wear. Resists algae and marine growth accumulation common to oil and cement paints. Dries rapidly, which slows concrete cure and increases structural strength. Comes in Marine Blue, Pool Green, White, Red and Black. One gallon covers 200 to 250 sq. ft.

STEELCOTE ALGAE-KIL

STEELCOTE ALGAE-KIL economically keeps water crystal clear, eliminates and prevents slime and algae. Unlike chlorine and copper sulphate it is positive acting, non-toxic and non-irritating. Compatible with germicides and other water treatment chemicals.

FOR METAL POOLS:

Send us details of your problem and we will send specifications.

For folder on our complete line of Pool Maintenance Products... Write for Catalog OAT

STEELCOTE MFG. CO. • 3418 GRATIOT • ST. LOUIS 3, MO.

per million. In public pools this residual must be maintained constantly to guard against contamination.

About once each week the pool should be superchlorinated by tripling the normal dosage. This raises the residual reading above 0.6 but as soon as it drops to 0.6 (usually in a few hours) the pool can be used for swimming. Superchlorination destroys the more resistant types of bacteria and organisms.

Algae Control

Algae are microscopic single-celled plant organisms which multiply rapidly. Algae are present in all water, even in the very water with which you fill your pool. Pools should be treated with a chemical algae preventive as soon as they are filled and periodically thereafter.

Source—Modern Swimming Pool Co., Inc.



Protect Public Health With More Efficient Sanitary Treatment of Your Swimming Pool

TRADE **AQUATONE** MARK

Reg. U. S. Pat. Off.

IS MORE EFFICIENT BECAUSE IT REMOVES AND PREVENTS FILTER POLLUTION CONTRIBUTING TO A MORE SANITARY POOL

Aquatone cleanses the filters of greasy contaminating pollution quickly and economically without interference with pool operation, providing the only known means for permanent maintenance of grease-free filters, lines and pools, contributing to the highest possible sanitary status thereof.

Aquatone prevents Eye Irritation by increasing the solubility and diffusion of chlorine whereby increased chlorine retention obtains, requiring less chlorine for adequate Bacteria Control. Its neutralizing action toward the causticity of chlorine and alum treated water contributes further to prevention of Eye Irritation.

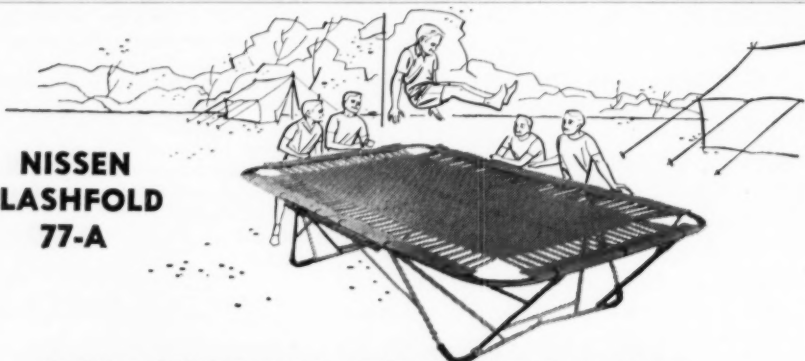
As an Algaecide Aquatone prevents Algae growth and eliminates the slime, it imparts alkaline pH value without causticity, softens the water, and eliminates stickiness of the hair and body of bathers.

No equipment is required. Particulars and references . . . no obligation.

CREATIVE CHEMICAL COMPANY

● **PITTSBURGH 24, PENNSYLVANIA**

**NISSEN
FLASHFOLD
77-A**



CHAMPION TRAMPOLINE FOR CAMPING FUN

- 100% all-nylon bed
- More than 5,000 NISSEN Trampolines now in use throughout the world.
- completely clear area under bed

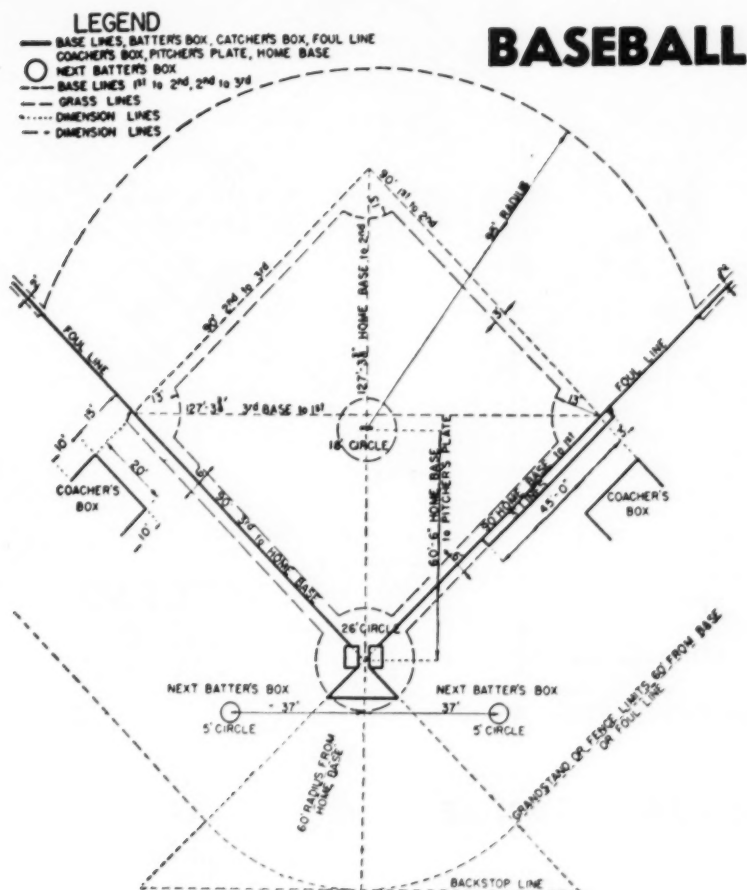
• Write for complete details



NISSEN TRAMPOLINE CO.

200 A Avenue, N. W., Dept. B • Cedar Rapids, Iowa

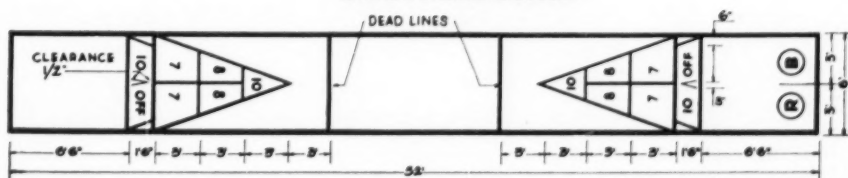
Field and Court Sizes



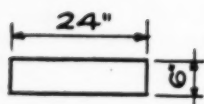
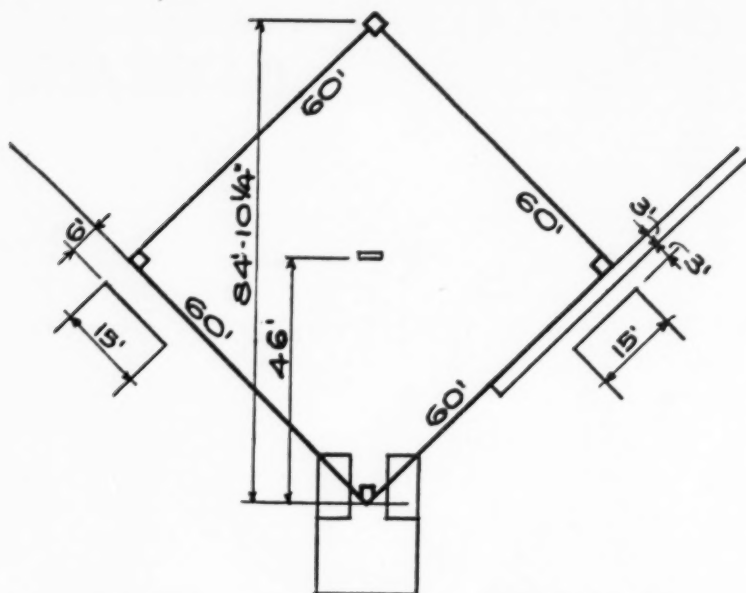
For boys under sixteen years of age measurements changed as follows: Distance between bases, 82 feet; home plate to second base,

115 feet, 11½ inches; same distance across diamond from first to third bases; home plate to pitcher's plate, 50 feet.

SHUFFLEBOARD



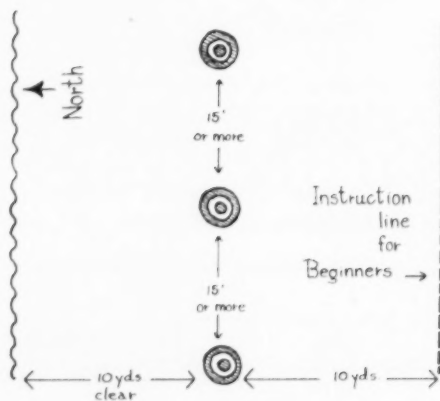
Field and Court Sizes



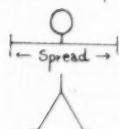
PITCHER'S PLATE

SOFT BALL FIELD

ARCHERY RANGE



Size of Equipment



Spread Measurement	Arrow Length	Suggested Bow Length
37-39"	22-23"	not under 4' 6"
43-45"	24-25"	" " 5' 0"
49-51"	26-27"	" " 5' 6"
55-57"	28-29"	" " 5' 9"

Instruction line for Experienced →

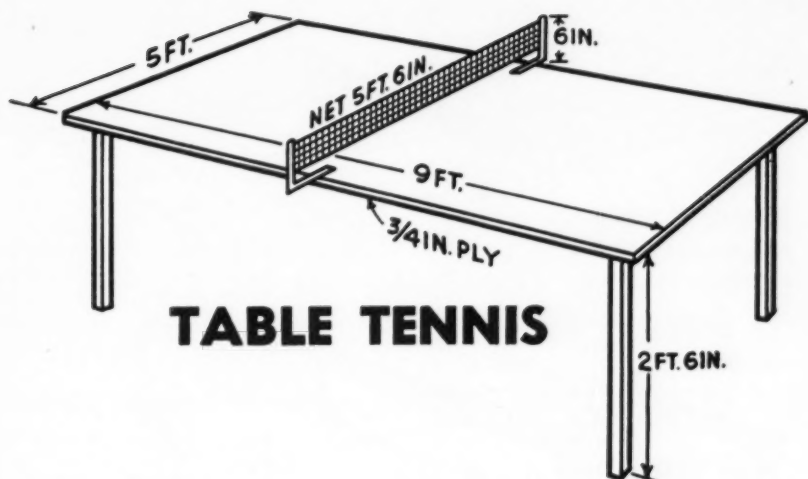
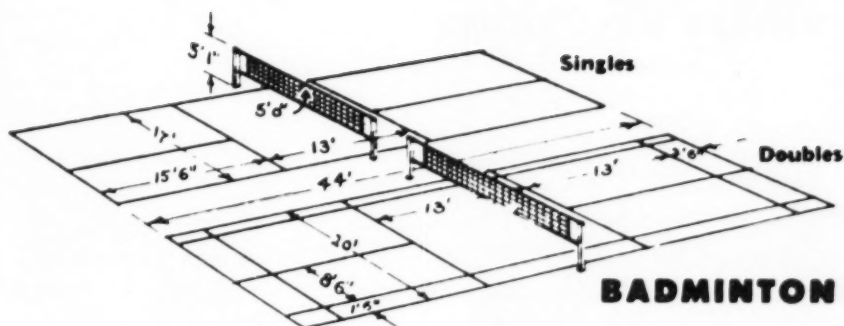


TABLE TENNIS



BADMINTON

**FIRM . . .
FAST DRYING**

SIMCOTE

The Perfect COURT SURFACING . . .

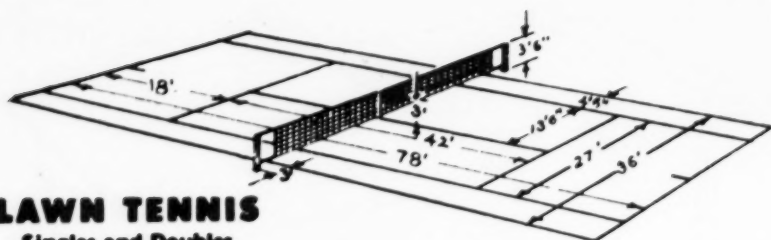
No Dust No Glare Resilient Economical Easily Applied

Write for 14 REASONS WHY!

For . . . Tennis Badminton Handball Volley Ball Basket Ball

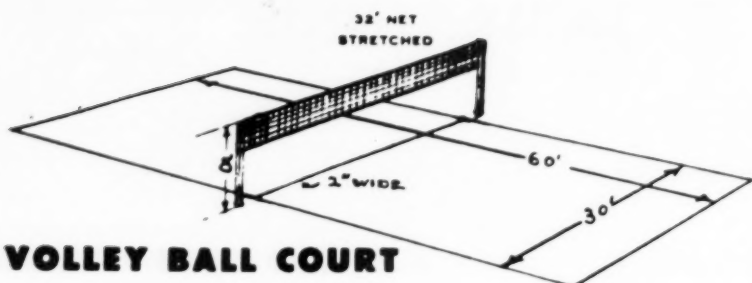
SIM-COTE PRODUCTS COMPANY

GRANVILLE
NEW YORK



LAWN TENNIS

Singles and Doubles



VOLLEY BALL COURT



HORSE SHOES

**For smooth dustless unpaved areas
use SOLVAY CALCIUM CHLORIDE**



- Quickly, easily applied to walks, drives, play and parking areas, tennis courts, etc.
- Low cost
- Clean
- Odorless
- Colorless



Write for "End Dust" book



SOLVAY PROCESS DIVISION

ALLIED CHEMICAL & DYE CORPORATION

61 Broadway, New York 6, N. Y.

Sport Supply Check List

All supplies should be checked before the opening of camp to insure adequate equipment to carry out a successful sports program. Though campers may supply their own tennis racquets, air rifles or other similar equipment, camp directors should plan to provide extras.

General Equipment for All Sports

Tournament boards
Score cards
Revolver and blanks
Whistle
Official rule books
Stop watch
Measuring tape
First aid kit
Court marking machine
Lime
Court roller
Awards (if used)
Repair and cleaning supplies
Air Pump

Tennis

Racquets
Nets and standards
Balls

Softball

Bases and home plate
Mitts and gloves
Bats (several sizes)
Balls

Baseball

Bases and home plate
Mitts and gloves
Bats (several sizes)
Balls
Catcher's mask and chest protector

Basketball

Backboards
Rings
Nets
Basketballs (indoor and outdoor)



**Superior Design,
Construction and
PERFORMANCE**

**far greater
strength and
SAFETY!**

AMERICAN
Approved
**PLAYGROUND
AND SWIMMING
POOL EQUIPMENT**

The wise choice of experienced
buyers for nearly half a century.

WRITE FOR LITERATURE

AMERICAN
PLAYGROUND DEVICE CO.
ANDERSON, INDIANA, U.S.A.

WORLD'S LARGEST MANUFACTURERS OF FINE
PARK, PICNIC, PLAYGROUND, SWIMMING
POOL AND DRESSING ROOM EQUIPMENT

ARCHERY

Complete Line of
**LEMONWOOD & FIBRE GLASS
BOWS, ARROWS and
ACCESSORIES**

Also Targets, Faces & Stands

SEND FOR CATALOG

**THE OUTDOOR SPORTS
MFG. CO.**

500 Broad St.

Forestville, Conn.

Sport Supply Check List

Shuffleboard

Cues
Discs

Volleyball

Nets and standards
Volleyballs

Badminton

Racquets

Nets and standards
Shuttlecocks

Table Tennis

Tables
Nets
Paddles
Balls

Horseshoes and Quoits

Horseshoes and stakes
Quoits and stakes

Riflery

Rifles, .22 caliber and/or air rifles
Targets
Ammunition
Mats
Telescopes
Slings
Gun rack
Loading blocks


Archery

Bows (several sizes and weights)
Arrows (several lengths)
Targets
Quivers
Arm guards
Finger guards
Ground quivers
Ground rack
Arrow box
Repair Kit

Playground

(Equipment for playgrounds should be scaled in size to age of campers)

Swings
Slides
Climbing devices
Horizontal ladder
Seesaws
Horizontal bars
Parallel bars
Trampoline



Howard Hill
World's Greatest Archer
says...
"Look to
BEN PEARSON
for ALL
Your
Archery
Needs!"

A complete line of
BOWS
ARROWS
ARCHERY SETS
TARGETS
LEATHER GOODS
and all ACCESSORIES

The best available in
every price range...

See your jobber or
WRITE FOR 1957 CATALOG!

BEN PEARSON
INCORPORATED
PINE BLUFF • ARKANSAS

World's Largest Manufacturer
of Archery Equipment

IF YOU ARE . . .

**on a camp committee
a camp director
a youth-work agency executive
a camp staff member
a recreation leader
interested in youth guidance**

you need

CAMPING MAGAZINE

Official Publication of American Camping Association

Every issue brings you the latest in tried and successful methods of camp leadership, camper development, camp program, and camp operation. Original articles, written by the nation's outstanding camp leaders, cover every phase of modern camp administration. Nowhere else in the world can you find an equal source of authoritative, factual, stimulating, helpful information on organized camping.

Membership in ACA costs only \$6.00 to \$35.00 per year, depending on classification. Each member of ACA receives every monthly issue of CAMPING MAGAZINE and the ANNUAL CAMP REFERENCE AND BUYING GUIDE. Non-member subscriptions cost \$5.00 per year in U. S. and Canada; Foreign, \$6.00. Sign up now and get set for better camping.

for details write

AMERICAN CAMPING ASSOCIATION

Membership Headquarters—Bradford Woods, Martinsville, Ind.

Magazine Office—Plainfield, N. J.

Riflery Pointers

Shooting a gun is always one of the most popular activities for campers of all ages—both boys and girls. Many National Rifle Association affiliated camps of long standing have added a 15-foot program using spring type air rifles for campers ranging in age up to 10 years; then making use of the intermediate range of 25-feet and the pneumatic or CO₂ air rifle. These activities permit younger campers to earn nationally recognized awards similar to the shooting awards won by older campers using the 50-foot range and .22 caliber rifles for the maximum in accuracy.

Distance—Most campers will want to fire .22 caliber rifles on the 50-foot range. All distances specified are measured from the firing line to the face of the paper target. 15-foot (spring type air rifles) and 25-foot (pneumatic and CO₂ guns) ranges may be located in the general vicinity of the .22 range, but for the sake of safety, it is advisable that younger campers have their own ranges elsewhere. Both the 15-foot and 25-foot ranges can easily be set up indoors in one of the camp buildings.

Direction—Direction of fire on outdoor ranges should, if possible, be north or northeast. This permits firing at any time of the day without sun shining into the eyes of the shooters or range officer.

Safety—Locate the range where campers will not wander into the field of fire while engaged in other camp activities. All "Blind" approaches to the field of fire should be fenced and warning signs generously distributed. When in doubt about any safety factor apply the rule of "Safety First." If air rifle firing is done on an indoor range, similar precautions should be taken.

Expense—Rifle range construction need not be expensive. Materials are fairly cheap and easily obtainable. Labor involved will probably be the largest item.

Air rifle programs are comparatively

less expensive to install and operate than .22 shooting because of the smaller range, less elaborate backstops, and lower cost of guns and ammunition.

Firing Line—Firing points on an uncovered firing line are graded so that the side toward the target is raised about 10 inches and slopes back to level ground at a point six to ten feet in the rear. Firing points are designated by 2x4 inch white stakes with black numerals corresponding with target numbers. Each shooter takes his place just to the right of the stake.

The firing line should be level from one side to the other, with a minimum of five feet between firing points. It should be sodded or sown with some kind of tough grass to make it clean and comfortable.

Backstops—The only satisfactory natural backstop for .22 firing is a hill of fairly good size, with a crest not less than 30 feet above the level of the firing point. The hill should rise about one foot for each two feet along the horizontal. Brush which might obscure the view of campers on the firing line should be cleared away to the crest of the hill or at least 100 yards up a large hill from targets and at least 50 yards on each side of targets. A cut should be taken in the hillside behind targets to provide a perpendicular face to catch bullets and prevent ricocheting.

Do not use as backstops stone fences; stone piles; the sheer, unprotected face of a quarry; brick, stone or concrete walls; piles of logs or railroad ties; standing timber; or a stream or lake which is navigable within 1,500 yards of the firing line.

There are two main types of satisfactory artificial backstops for a .22 range. One uses metal plates at least ¼" thick placed at an angle of 45 degrees to the firing line so the bullets deflect downwards into the ground—much like the usual indoor range. The

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Riflery Pointers

other is an earthen embankment pushed up by a bulldozer to a height of not less than eight feet, depending entirely on the type of terrain behind the backstop.

Backstops for spring type air rifles, both indoors and out may be made of corrugated boxes tightly stuffed with crumpled newspapers; however, a sheet of 1/4" plywood placed at a slight angle so the BB's will glance downwards, will last an entire season and can be painted for a more attractive range. Such a backstop would not be safe for pneumatic or CO₂ rifles as the pellets strike with considerably more force. For these rifles, one needs to use light steel or the earthen backstop.

The Target Butt most easily constructed and most efficient in use (where target carriers are not used) consists merely of posts planted in the ground immediately in front of the backstop and about eight feet apart. Frames holding targets are hung from tenpenny nails or hooks driven into these posts. Two sets of nails should be provided on 50-foot ranges. One set should hold targets level with the eyes of the shooter of average height when in standing position, the other should hold targets slightly higher than the level of a shooter's eyes when in the prone position.

Target frames to hold targets are easily and quickly made from one by three inch dressed material. They are about eight feet in length and about 15 inches in height. To the top of the frames fasten squares of wood or tin painted alternately black with white numerals and white with black numerals. Target numbers should be spaced at least 18 inches apart and numbered from left to right to correspond with firing-point numbers. Under each numeral nail a rectangular piece of pressed wood, beaver board or such material. Targets may be easily and quickly attached by spring or clip clothespins.

Source: National Rifle Association.



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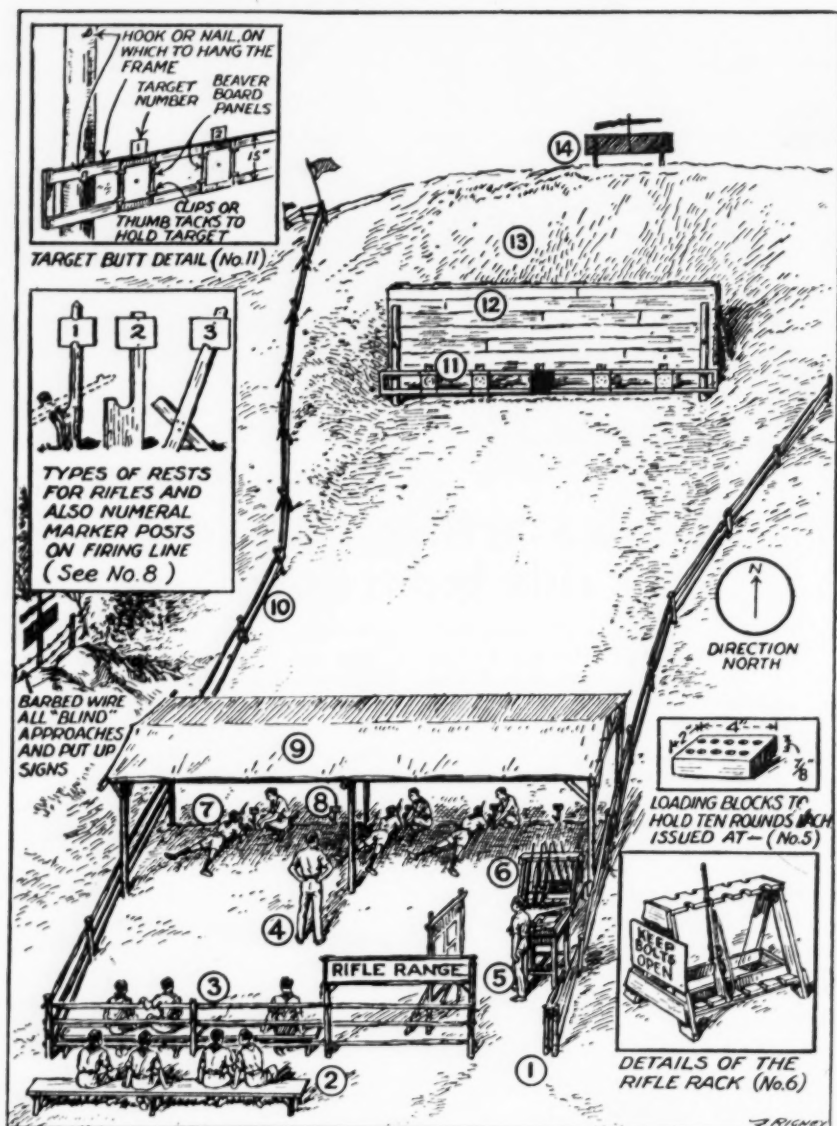
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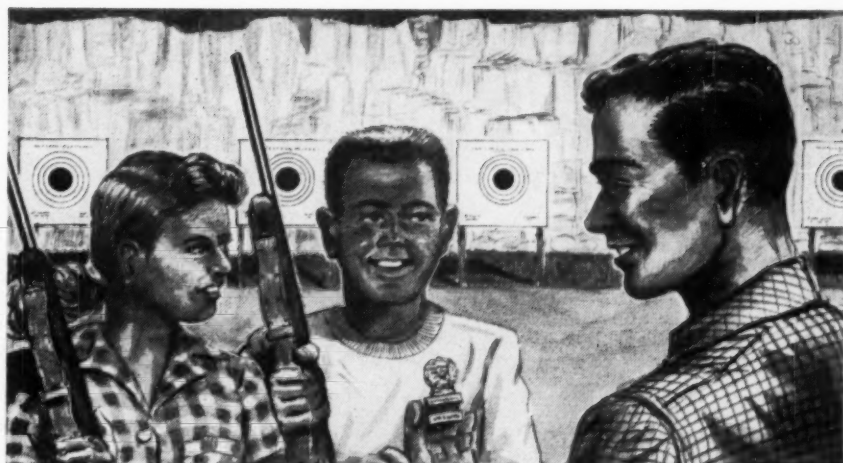
Rifflery Pointers



(1) Entrance to Range at One Point Only. (2) Waiting Bench. (3) Ready Bench. (4) Instructor. (5) Scorekeeper and His Desk. (6) Rifle Rack. (7) Pupil

and Coach. (8) Range Number Corresponding to Number on Target Rack. (9) Tarpaulin Cover for Roof. (10) Fence. (11) Target Rack. (12) Back

Stop. (13) Side Hill Back of Target. (14) Range Sign—Note Range Flag at distant left end of fence, which is raised when Range is in use.



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Targets: Official NRA 25 ft.

3. Spring Type Rifle Program:

Rifles: Any spring powered air
rifles (BB Guns). Range 15 ft.
Targets: Official NRA 15 ft.

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Camp Name _____

Camp Address _____

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Items	Quantity Needed	On Hand	Condition	Addl. Needed	Source	Date Ord.	Date Rec.
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Bags, for packing							
Broilers							
Buckets and Cans							
Can Openers							
Canteens							
Compasses							
Containers							
Dish Towels							
Files, Carborundum							
First Aid Kits							
Foods, Dehydrated							
Forks, Toasting							
Frying pans							
Gloves, Cotton							
Grates							
Griddles							
Grills							
Hatchets							
Kettles							
Knapsacks							
Knives, Paring							
Lanterns							
Maps							
Match boxes, waterproof							
Measuring Cups							
Mess Kits							
Pack Baskets							
Packboards							
Pancake Turners							
Plastic wrap							
Poles, Pegs							
Pot Hooks							
Reflector Bakers							
Repair Kits							

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Choosing Movies for Camp

1. If your camp budget is limited, it is preferable to have better movies less frequently than to have poor movies often.

2. Select and screen all movies to insure suitability. Criteria for such selection might include: Will it be of interest to all age groups in camp? If not, can there be a substitute program for ages not covered? Does the film respect human dignity? Is it morally of high quality? (Many of the older films were made before censorship.)

3. Each movie program could well include a short cartoon or film aimed specifically at education and guidance, particularly suited to a camp setting. There are many free or inexpensive films available, geared for children. This scheduling should be done well in advance so that the camp is assured of a film of this type for showing each time a movie activity is held. Many of these films present ideas on health, girl-boy

relationships, manners, respect for others, safety, nature-lore, sportsmanship and democracy.

4. Camp movie programs, in addition to providing opportunity for showing educational films, can be an integral part of the total camp program. Camping in other lands could be the theme of one of the movie programs and perhaps lead to the adoption of new ideas in your camp program. Special films for use in connection with nature, craft, waterfront, etc., programs are also available.

5. Try scheduling movies as only a part of an evening program. Use films as a springboard for a discussion of camp rules and regulations or to introduce staff members or present awards.

Based on articles published in Camping Magazine.



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Books for

Camp Leaders

Revised Bibliography of new and standard books on camping.
Addresses of publishers are listed in the Buying Guide Section.

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- ADMINISTRATION OF THE MODERN CAMP, edited by *Hedley S. Dimock*, Association Press, \$4.00.
- THE BOOK OF CAMPING, by *Robert Rubin*, Association Press, \$2.00.
- CAMPING AND CHRISTIAN GROWTH, by *Lynn and Campbell Loughmiller*, Abingdon Press, \$1.50.
- CAMPING WITH PURPOSE, by *Marie Lafferty Cortell*, Morrow, \$3.00.
- CAMP'S AND THEIR MODERN ADMINISTRATION, by *Hazel K. Allen*, Morrow, \$1.50.
- THE ESTABLISHED CAMP BOOK, Girl Scouts of the U.S.A., \$2.50.
- HANDBOOK OF YMCA CAMP ADMINISTRATION, edited by *Ledlie and Roehm*, Association Press, \$4.50.
- THE THEORY OF CAMPING, by *Frank Irwin*, The Ronald Press Co., \$3.25.

Arts and Crafts

- AMATEUR HANDCRAFT, by *F. Clarke Hughes*, Bruce, \$2.75.
- AMERICAN INDIAN BEADWORK, by *Hunt and Burshears*, Bruce, \$5.50.
- BEN HUNT'S WHITTLING BOOK, by *W. Ben Hunt*, Bruce, \$3.50.
- BIRD HOUSES, by *L. Day Perry and Frank Slepicka*, Chas. A. Bennett Co., \$1.75.
- BLOCK PRINTING WITH LINOLEUM, by *Henry Frankenfield*, American Handicrafts Co., \$75.
- BLOCK PRINTS, HOW TO MAKE THEM, by *William S. Rice*, Bruce, \$3.00.

- THE BOOK OF ARTS & CRAFTS, by *Marguerite Ickis and Reba S. Esh*, Association Press, \$4.95.
- CERAMICS, by *Harry Zarchy*, Knopf, \$3.50.
- CRAFT ADVENTURES FOR CHILDREN, by *Grimm and Skeels*, Bruce, \$2.00.
- CREATIVE CERAMICS, by *Katherine M. Lester*, Chas. A. Bennett Co., \$4.25.
- CREATIVE CRAFTS IN WOOD, by *Michael C. Dank*, Chas. A. Bennett Co., \$2.95.
- CREATIVE HANDS, by *Cox and Warren*, John Wiley & Sons, \$6.95.
- DO IT YOURSELF WITH ALUMINUM, by *G. W. Birdsall*, McGraw-Hill, \$3.95.
- EASY CRAFTS, by *Ellsworth Jaeger*, Macmillan, \$2.49.
- FUNDAMENTALS OF LEATHERCRAFT, by *Ross C. Cramlet*, Bruce, \$1.50.
- GENERAL LEATHERCRAFT, by *Raymond Cherry*, McKnight & McKnight, \$1.50.
- A HANDWEAVER'S WORKBOOK, by *Heather G. Thorpe*, Macmillan, \$4.50.
- HAND WEAVING: FOR PLEASURE AND PROFIT, by *Harriette J. Broxen*, Harper & Bros., \$4.95.
- HANDICRAFT — SIMPLIFIED PROCEDURE AND PROJECTS, 9th ed., by *Lester Griswald*, Prentice-Hall, \$5.50.
- HOW TO DO WOOD CARVING, by *John L. Lacey*, Arco Publishing Co., \$2.00.
- HOW TO MAKE POTTERY by *Muriel P. Turoff*, Crown, \$2.95.
- HOW TO WORK WITH RAFFIA, by *Bibbi Jessen*, Bruce, \$1.00.
- INDIAN AND CAMP HANDICRAFT, by *W. Ben Hunt*, Bruce, \$3.00.
- INDIANCRAFT, by *W. Ben Hunt*, Bruce, \$3.25.

JOHN LACEY'S BOOK OF WOODCARVING, by *John Lacey*, Prentice-Hall, Inc., \$2.95.

LEATHERCRAFT IS FUN, by *Elise Mannel*, Bruce, \$2.50.

LET'S MAKE A LOT OF THINGS, by *Harry Zarchy*, Knopf, \$3.00.

LET'S WHITTLE, by *LeRoy Pynn, Jr.*, Chas. A. Bennett Co., \$2.60.

LINOLEUM BLOCK PRINTING, by *Francis J. Kafka*, McKnight & McKnight, \$1.50.

MAKE IT YOURSELF, by *Bernice Carlson*, Abingdon Press, Cloth \$2.00, Paper \$1.35.

METAL FOIL TOOLING BOOK OF DESIGNS, American Handicrafts Co., \$1.00.

MODERNISTIC CHIP CARVING, by *Vic Mankin*, Bruce, \$1.25.

MORE BEN HUNT WHITTINGS, by *W. Ben Hunt*, Bruce, \$2.50.

NATURE CRAFTS, by *Ellsworth Jaeger*, Macmillan, \$2.69.

ORNAMENTAL TINCRAFT, by *Chris H. Groneman*, Bruce, \$1.65 paper.

PHOTOGRAPHY IN CAMP, Eastman Kodak Co. No charge to camp directors.

POTTERY MADE EASY, by *John W. Dougherty*, Bruce Publishing Co., \$2.75.

POTTERY WITHOUT A WHEEL, by *Keith Tyler*, Chas. A. Bennett Co., \$1.50.

SIMPLE BRACELETS, by *J. W. Bollinger*, Bruce, \$2.50.

THINGS TO MAKE FROM ODDS AND ENDS, by *Jessie Robinson*, Appleton-Century-Crofts, \$2.00.

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CAMP-CRAFT ABC'S, by *Catherine T. Hammett*, Girl Scouts of U. S. A., \$1.25.

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Sanitation, Compass and Maps, Toolcraft, Tents and Simple Shelters), Girl Scouts of U. S. A., \$6.00 each.

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FIRST CAMPING TRIP, by *C. B. Colby*, Coward-McCann, Inc., \$2.00.

THE GOLDEN BOOK OF INDIAN CRAFTS AND LORE, by *W. Ben Hunt*, Simon and Schuster, Inc., \$1.50.

HANDBOOK OF TRAIL CAMP-CRAFT, by *John A. Ledlie*, Association Press, \$4.95.

JACK-KNIFE COOKERY, by *James A. Wilder*, E. P. Dutton & Co., Inc., \$2.75.

THE JUNIOR BOOK OF CAMPING AND WOODCRAFT, by *Bernard S. Mason*, Ronald Press Co., \$3.50.

KNOTS, SPLICES AND ROPE WORK, by *Verrill and McCann*, Books, Inc., cloth \$2.00.

LAND AND WATER TRAILS, by *Ellsworth Jaeger*, Macmillan, \$2.95.

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THE OUTDOOR PICTURE COOKBOOK, by *Bob Jones*, Hawthorn Books, Inc., \$2.95.

THE SCOUT FIELD BOOK, Boy Scouts of America, \$1.00.

WOODSMANSHIP, by *Bernard Mason*, Ronald Press Co., \$1.75.

WOODSMOKE, by *Ellsworth Jaeger*, Macmillan, \$2.95.

YOUR OWN BOOK OF CAMP-CRAFT, by *Catherine T. Hammett*, American Camping Association, \$.35 (bulk prices available.)

Camper Development

A BOY GROWS UP, *Harry C. McKown*, McGraw-Hill, \$4.00.

A GIRL GROWS UP, by *Ruth Fedder*, McGraw-Hill, \$3.75.

MILESTONES FOR MODERN TEENS, by *John and Dorathea Crawford*, Wm. Morrow & Co., \$3.00.

UNDERSTANDING BOYS, by *Clarence G. Moser*, Association Press, \$2.50.

UNDERSTANDING TEEN-AGERS, by *Paul H. Landis*, Appleton-Century-Crofts, Inc., \$3.00.

YOUR CHILD AND HIS PROBLEMS, by *Joseph D. Teicher, M.D.*, Little, Brown & Co., \$3.75.

Books for Camp Leaders

Crafts

(See Arts and Crafts)

Day Camping

THE CHURCH DAY CAMP, National Council of Churches of Christ, \$60.

THE DAY CAMP BOOK, Girl Scouts of the U. S. A., \$50.

GUIDE FOR DAY CAMPING, compiled and published by Camp Fire Girls, Inc., order catalog No. D-320, \$50.

GUIDE FOR TRAINERS OF DAY CAMP DIRECTORS, Girl Scouts of U.S.A., \$50.

Development, Camp

CAMP SITE DEVELOPMENT, by Julian H. Salomon, Girl Scouts of the U.S.A., \$4.00.

CAMP SITES AND FACILITIES, prepared and published by the Boy Scouts of America, \$2.50.

A CENTRAL CAMP BUILDING FOR ADMINISTRATION AND FOOD SERVICE, by Loper, Proud, Carlson and Hoff, Cornell Misc. Bulletin #14, \$25.

Dramatics

ACT IT OUT, by Bernice Wells Carlson, Abingdon Press, \$2.00.

BLUE-RIBBON PLAYS FOR GIRLS, edited by Sylvia E. Kamerman, Plays, Inc., \$4.00.

CREATIVE PLAY ACTING, by Isabel B. Burger, The Ronald Press Co., \$3.25.

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LITTLE PLAYS FOR LITTLE PLAYERS, edited by Sylvia E. Kamerman, Plays, Inc., \$3.50.

MODERN COMEDIES FOR YOUNG PLAYERS, by Hark and McQueen, Plays, Inc., \$4.00.

ONE-ACT PLAYS FOR ALL-GIRL CASTS, by Marjorie B. Paradis, Plays, Inc., \$3.00.

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PRIZE PLAYS FOR TEEN-AGERS, by Helen Louise Miller, Plays, Inc., \$5.00.

THE RHYTHM OF THE REDMAN, by Julia M. Buttrey, The Ronald Press Co., \$5.00.

SHORT PLAYS FOR ALL-BOY CASTS, by Vernon Howard, Plays, Inc., \$3.00.

Food

BUYING FOOD FOR YOUR CAMP, by Agnes C. Foley, Cornell Food Marketing Leaflet #10. Single copies free.

CAMP FOOD SERVICE MANAGEMENT, by Dorothy Proud, Cornell Misc. Bulletin #16, \$25.

A CENTRAL CAMP BUILDING FOR ADMINISTRATION AND FOOD SERVICE, by Loper, Proud, Carlson and Hoff, Cornell Misc. Bulletin #14, \$25.

CHEF'S GUIDE TO QUANTITY COOKERY, by J. H. Breland, Harper & Bro., \$6.50.

THE COMPLETE MEAT COOKBOOK, by Beth Bailey McLean and Thora Hegstad Campbell, Chas. A. Bennett Co., \$5.95.

COOKING OUT-OF-DOORS, Girl Scouts of U. S. A., \$1.00.

FOOD COST CONTROL, by J. O. Dahl, Dahl, revised edition, \$1.00.

FOOD AND NUTRITION MANUAL FOR INSTITUTIONS, by Margaret M. Walsh, Welfare Federation of Cleveland, \$2.00.

KITCHEN PLANNING FOR QUANTITY FOOD SERVICE, by Arthur W. Dana, Harper & Bros., \$5.00.

MENU MAKING FOR PROFESSIONALS IN QUANTITY COOKERY, by J. O. Dahl, Dahl, \$4.50.

MONEY-SAVING MAIN DISHES, U. S. Dept. of Agriculture Home and Garden Bulletin No. 43, U. S. Supt. of Documents, \$20.

ONE-POT COOKERY, by Eidola J. Bourgaize, Association Press, \$2.50.

THE OUTDOORSMAN'S COOKBOOK, by Arthur H. Carhart, Macmillan, \$2.95.

QUANTITY RECIPES, by Marion Wood and Katherine Harris, Cornell Univ., \$1.00.

Games

(See Sports and Games)

General

ACTIVITIES FOR SUMMER CAMPS, Arts Cooperative Service, Inc., \$1.25.

- DANCES AND STORIES OF THE AMERICAN INDIAN, by Bernard S. Mason, The Ronald Press Co., \$5.00.
- INDIAN SIGN LANGUAGE, by Robert Hofsinde (Gray Wolf), Wm. Morrow & Co., \$2.50.
- THE INDIAN'S SECRET WORLD, by Robert Hofsinde (Gray Wolf,) Wm. Morrow & Co., Inc., \$3.95.
- INTO THE WORLD (facts of reproduction in nature and humans for children nine to 12), by Emerson and Thompson, Morrow, \$2.50.
- OUTING CLUB HANDBOOK, written and published by Gunnar Peterson, \$2.00 plus 25¢ postage and handling.
- SOCIAL WORK PRACTICE IN COMMUNITY ORGANIZATION, by Helen D. Green, Morrow, \$4.00.
- SUMMER MAGIC (interpretation of camping), by Kenneth and Susan Webb, Association Press, \$2.50.

**Publishers' Addresses
are listed in the index
beginning on page 115**

- TEEN DAYS (physiological and social guide for 13 to 16-year-olds), by Frances Bruce Strain, Appleton-Century-Crofts, \$3.00.
- YOUR TAPE RECORDER, by Robert and Mary Marshall, Greenberg, Publisher, \$4.95.

Health, Safety and Sanitation

- CAMP SANITATION GUIDE, by Arthur W. Selverstone, Bead Publ. Co., \$1.00.

Leadership

- BEHAVIOR CONTROL IN CAMPING AND SCOUTING, by O. D. Dickerson, University of Pennsylvania, \$1.00.
- CAMP COUNSELING, by Mitchell and Crawford, W. B. Saunders, \$4.75.
- THE CAMP COUNSELOR, by Benson and Goldberg, McGraw-Hill, \$4.75.
- CAMP COUNSELOR TRAINING WORKBOOK, by Hartwig and Peterson, Burgess, \$2.50.
- THE CAMP COUNSELOR'S MANUAL, by Ledlie and Holbein, Association Press, \$75.
- COUNSELING WITH YOUNG PEOPLE, by C. Eugene Morris, Association Press, \$3.00.

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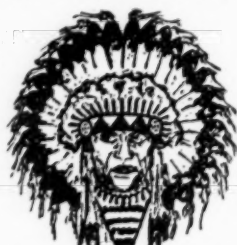
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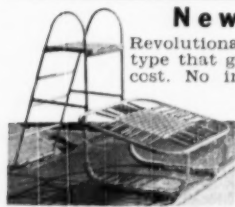
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Ends July 1, 1957

Here's your last chance to save 40% installing the modern, low-cost, safer Daisy 15 Foot Junior Air Riflery program—or to add it to modernize your present fire-arms set-up. Now in hundreds of camps. For boys, girls 7 through 14. Send coupon for Director's Packet now—save 40%!

Omaha
(Nebraska)
YMCA has a
successful
Camp Daisy
Shooting
Program.



Girls enjoy Daisy Junior Air Riflery in camps as much as boys. This is a Campfire group shooting spring-type Daisys.

MODERNIZE...with America's Most Economical
Safest and Most Popular Shooting Program!

Daisy's NRA-accepted program features a 15 foot shooting range (less than car-length) indoors or out; grocery cartons for backstops; guns costing as little as \$3.57 each before July 1—only \$5.95 thereafter. Ammunition costs only 5¢ for about 125

shots. Shooters can earn NRA Awards. Remember: a Daisy is not a toy but a real training gun. It is not a high-power pneumatic, gas, pellet or compressed air gun. Since 1888 Daisy has been a spring-type, short range, low "factory limited" power air rifle.

PRICES HIGHER CANADA. PRICES SUBJECT TO CHANGE WITHOUT NOTICE. NO DIRECT ORDERS ACCEPTED FROM CANADA.

FREE! ANNUAL GUN SERVICE, REPAIRS!



Daisy Model 25 costs camps only \$5.97 to July 1 using 40% Camp Discount. After July 1, 1957: \$9.95.

DAISY

SAFER SPRING-TYPE B&B RIFLES
DAISY MANUFACTURING COMPANY

DEPT. 317, PLYMOUTH, MICHIGAN, U.S.A.

Mail Coupon Now!

DAISY MANUFACTURING COMPANY

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Send Camp Director's Packet, 40% Discount data.

Name

St. & No.

City Zone State

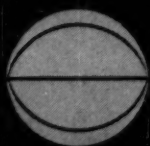
Camp Name, Address

Camp has ☐ NO riflery program. ☐ Has riflery program.

Number of Campers BOYS: GIRLS:

Camp Opens Closes

The
margin
of
success



IS A VERY FINE LINE...

In sports equipment, the margin of success is a *very fine line*. It's the years of experience, the extra care in workmanship and in testing that creates an exceptional product.

For official play, Voit has set new standards with the XB20. Sanctioned by the rule books for high school, junior college, college and AAU play, the XB20 is the answer for schools and teams that demand perfection in performance, plus unequalled economy.

Increasing game use is proof again of Voit's leadership—leadership by a wide margin, because of a *very fine line* . . .

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